M97H
1921/22

Muskingum College

New Concord, Ohio

JUN 12

Catalog Edition

1921-22

THE LIBRARY OF THE
AUG 27 1936
UNIVERSITY OF ILLINOIS

Announcements for
the Year
1922 - 1923

MUSKINGUM COLLEGE BULLETIN

Series XVIII JUNE 1922 Nos. 4-5

Entered as Second Class Matter April 13, 1905, at New Concord, Ohio, under Act of Congress, July 16, 1894

Digitized by the Internet Archive
in 2013

http://archive.org/details/muskingumcollege192122musk

PRESENT AND PROPOSED BUILDINGS OF MUSKINGUM COLLEGE

Men's Dormitories (Pro.)
Gym. (Pro.)
Chem. Bldg. (Pro.)
Biology Bldg., (Pro.)
Women's Dorm., Two (pro.)
Montgomery Hall
Library (Pro.)
Faculty Houses
Brown Chapel
The Lake
Power Plant
Athletic Field (Pro.)
Student Building (Pro.)
President's Manse
Auditorium (Pro.)
Johnson Hall
Paul Hall
Harper Cabin

THE EIGHTY-FIFTH ANNUAL CATALOG

of

Muskingum College

Announcements for
the Year
1922 - 1923

THE LIBRARY OF THE
AUG 27 1936
UNIVERSITY OF ILLINOIS

With a List of Students in Attendance
1921 - 1922

Bulletin, Series XVIII, Nos, 4-5
Issued Bi-Monthly by the College, New Concord, Ohio
June 1922

1922

JANUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

APRIL

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

OCTOBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

MAY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOVEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

MARCH

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

S	M	T	W	T	F	S
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

SEPTEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1923

JANUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

APRIL

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

JULY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MAY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

AUGUST

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

MARCH

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

JUNE

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

SEPTEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

CALENDAR

1922

January 3, Tuesday, 8:00 a. m. ..... Winter Recess Ended
January 27, Friday, 3:30 p. m. ..... First Semester Ended
January 28, Saturday, 8:00 a. m. ..... Registration
January 30, Monday, 1:30 p. m. ..... Second Semester Began
March 18, Saturday ..... Founders' Day
March 24, Friday, 3:30 p. m. ..... Spring Vacation Began
April 4, Tuesday, 8:00 a. m. ..... Spring Vacation Ended
May 1, Monday ..... Spring Normal Term Began
June 11, Sabbath ..... Baccalaureate Day
June 13, Tuesday, 10:30 a. m. ..... Meeting of Trustees
June 15, Thursday ..... Commencement
June 19, Monday, 3:30 p. m. ..... Summer Term Begins
July 22, Saturday ..... First Normal Terms Ends
August 11, Friday ..... College Summer Term Ends
August 26, Saturday ..... Second Normal Term Ends
September 11, Monday, 9:00 a. m. ..... Registration Begins
September 12, Tuesday, 3:30 p. m. ..... First Semester Opens
Nov. 29, Wednesday, 11:30 a. m. ..... Thanksgiving Recess Begins
Dec. 4, Monday, 1:30 p. m. ..... Thanksgiving Recess Ends
Dec. 20, Wednesday, 3:30 p. m. ..... Winter Recess Begins

1923

January 3, Wednesday, 8 a. m. ..... Winter Recess Ends
January 26, Friday, 3:30 p. m. ..... First Semester Ends
January 29, Monday, 1:30 p. m. ..... Second Semester Begins
March 18, Sabbath ..... Founders' Day
March 23, Friday, 3:30 p. m. ..... Spring Recess Begins
April 3, Tuesday, 8:00 a. m. ..... Spring Recess Ends
May 30, Wednesday ..... Memorial Day
June 10, Sabbath ..... Baccalaureate Day
June 12, Tuesday ..... Meeting of Trustees
June 14, Thursday ..... Commencement
June 18, Monday ..... Summer Term Begins
August 10, Friday ..... Summer Term Ends
September 11, Tuesday, 3:30 p. m. ..... First Semester Begins

COMMENCEMENT PROGRAM 1922

SABBATH, JUNE 4

8:00 P. M. ..... Academy Baccalaureate

THURSDAY, JUNE 8

7:00 P. M. ..... Reception to Senior Class

Dr. and Mrs. Montgomery

FRIDAY, JUNE 9

8:00 P. M. ..... Academy Commencement

SABBATH, JUNE 11

11:00 A. M. ..... Sermon before the Christian Associations

8:00 P. M. ..... Baccalaureate Sermon

President J. Knox Montgomery

MONDAY, JUNE 12

8:00 A. M. ..... Closing Chapel Service

8:00 P. M. ..... Junior Play

"The Aristocrat," Louis Parker

TUESDAY, JUNE 13

10:30 A. M. ..... Board of Trustees Meets

8:00 P. M. ..... Brown Oratorical Contest

WEDNESDAY, JUNE 14

11:30 A. M. ..... Alumni Association Meeting and Banquet

8:00 P. M. ..... Concert by Choral Society

THURSDAY, JUNE 15

10:30 A. M. ..... Commencement Exercises

By Representatives of the Class

2:00 P. M. ..... Conferring of Degrees and Annual Address

7:00 P. M. ..... President's Reception to the Public

8:30 P. M. ..... College Sing

BOARD OF TRUSTEES

Term Expires 1921

Rev. Mertz A. Eakin, D. D. ..... Steubenville, Ohio
Rev. O. H. Milligan, D. D. ..... Ben Avon, Pa.
Easton McGowan, Esq. ..... Steubenville, Ohio
Hon. C. Ellis Moore ..... Cambridge, Ohio
W. D. Culbertson, Esq. ..... New Concord, Ohio
S. H. Maharry, Esq. ..... Wellston, Ohio
Wm. M. Bateman ..... Zanesville, Ohio
Rev. Ira F. Leeper ..... St. Clairsville, Ohio
Rev. J. I. Moore ..... Zanesville, Ohio

Term Expires 1922

Rev. W. J. Grimes, D. D. ..... New Concord, Ohio
Rev. D. A. McClenahan, D. D., LL. D. ..... Pittsburgh, Pa.*
Rev. L. L. Gray ..... Jamestown, Ohio
Rev. S. E. Martin, D. D. ..... Cambridge, R. D., Ohio
Rev. J. C. Smith ..... Cambridge, Ohio
Robert McGowan, Esq. ..... Steubenville, Ohio
Fred Sebring, Esq. ..... Sebring, Ohio
Rev. Frederick Elliott ..... Mansfield, Ohio
L. B. Peterson, M. D. ..... Steubenville, Ohio

Term Expires 1923

Rev. W. P. Aikin, D. D. ..... Canonsburg, Pa.
T. Dales Kyle, Esq. ..... Xenia, Ohio
J. H. McCall, Esq. ..... Cleveland, Ohio
W. P. Sharer, Esq. ..... Cleveland, Ohio
E. B. Castor, Esq. ..... New Concord, Ohio
Rev. J. H. Spencer ..... Wooster, Ohio
D. M. Ogilvie, Esq. ..... East Liverpool, Ohio
Earl Montgomery, Esq. ..... New Concord, Ohio
Thomas Pyles, Esq. ..... Cambridge, Ohio

*Deceased.

Officers of Board of Trustees

Rev. W. P. Aikin, D. D. ..... President
Hon. C. Ellis Moore ..... Vice President
Rev. W. J. Grimes, D. D. ..... Secretary
Hon. L. J. Graham ..... Endowment Treasurer
E. A. Montgomery ..... Current Expense Treasurer

Executive Committee

Rev. J. Knox Montgomery, D. D. President
Rev. J. C. Smith
Rev. W. J. Grimes, D. D.
Rev. S. E. Martin, D. D.
E. B. Castor, Esq.
Hon. C. Ellis Moore

Finance Committee

Rev. W. J. Grimes, D. D.
Wm. M. Bateman, Esq.
E. B. Castor, Esq.
Earl Montgomery, Esq.

Visiting Committee

Rev. Ira F. Leeper
Hon. C. Ellis Moore
Rev. O. H. Milligan, D. D.

Committee on Degrees

Rev. S. E. Martin, D. D.
Rev. Frederick Elliott
Rev. L. L. Gray

Committee on Buildings and Grounds

T. Dales Kyle, Esq.
Thomas Pyles, Esq.
Prof. S. H. Maharry
Dr. L. B. Peterson

Ladies' Auxiliary Committee

Mrs. J. Knox Montgomery
Mrs. E. B. Castor
Mrs. W. J. Grimes
Mrs. L. J. Graham

FACULTY

J. KNOX MONTGOMERY, D. D., President

THOMAS HOSACK PADEN, A. M., Ph. D.

Professor of Latin, Emeritus

A. B., Muskingum, 1873; A. M., 1876; Ph. D., 1912; Student San Francisco Theological Seminary, 1876-1877; Presbyterian Seminary, Danville, Kentucky; Graduate student, University of Chicago, 1894-1895; Instructor in Latin, Muskingum, 1870-1871; Professor of Ancient Languages, 1874-1875; 1877-1895; Professor of Latin and Political Science, 1895-1915; Professor of Latin, 1915-1921; Professor of Latin, Emeritus, 1921-.

HUGH ALEXANDER KELSEY, A. B., D. D., Vice Pres.

Professor of Bible

A. B., Tarkio College, 1898; Graduate Xenia Theological Seminary, 1903; D. D., Muskingum, 1916; Principal schools Wilsonville, Nebraska, 1898-99. Minister United Presbyterian Church, 1903-1919; Muskingum, 1919-.

JOHN SCOTT CLELAND, A. M., Ph. D., Dean of College

Professor of Economics and Business Administration

A. B., Muskingum, 1908; A. M., Princeton, 1909; Ph. D., University of Pittsburgh, 1914; Columbia, Summer, 1916; Instructor in History, Conway Hall, 1910-12; Associate Professor of Economics, Dickinson College, Pennsylvania, 1914-15; Professor of History and Economics, Carroll College, Wisconsin, 1915-1917; In Military service, 1917-1919; Associate Professor of Economics, University of Kentucky, 1919-20; Muskingum, 1920-.

GEORGE BOONE McCREARY, A. M., Ph. D., Registrar

Professor of Philosophy

A. B , Muskingum, 1895; Graduate Pittsburgh Theological Seminary, 1898; Student University of Chicago, 1901; A. M., Muskingum, 1902; Ph. D., Grove City, 1914; Pastor Home Mission churches, 1900-1901, 1903-1905; Professor of Classics and Bible Philosophy, Epworth University, 1905-1908; Professor of Philosophy, Bible and History, Cooper College, 1908-1914; Professor of Bible and Philosophy, Hope College, 1914-1917; Registrar, Muskingum, 1917-; Professor of Greek, 1917-1920; Acting Professor of Bible, 1917-1919; Professor of Philosophy, 1920-.

JOHN GLENN LOWERY, M. S., M. A., Dean of Education

Professor of Education

B. S., Muskingum, 1907; M. S., Ibid, 1912; M. A., University of Chicago, (School of Education) 1917; Additional Graduate Study, Summers 1918-1919; Teaching and Supervising Public Schools, Harrison County, Ohio, six years; Superintendent Frazeysburg, Ohio, 1907-1908; Principal

Academy-High School, Muskingum College, 1908-1911; Professor of Physics and Principal of Academy, Muskingum College, 1911-1914; Professor of Education, 1914-1918; Director Muskingum Summer School, Summers of 1909, '10, '12, '13, '14; Dean of Department of Education and Director of Summer School, 1918-.

CHARLES RUSH LAYTON, A. M., Dean of School of Oratory

Professor of Public Speaking

A. B., Otterbein College, 1913; A. M., University of Michigan, 1917; Special study with Professor T. C. Trueblood of the University of Michigan and Professor S. H. Clark of the University of Chicago; Teacher of History and Public Speaking in High School, 1913-1914; Professor of Oratory, Muskingum, 1914-; Dean of Oratory, 1920-.

EDITH JOHNSTONE MORTON, Dean of Women

Assistant Professor of Education

Washington State Normal School, graduate; Student Geneva College and University of Washington; 1901-1910, United Presbyterian Mission, Gordon College, Rawal Pindi, India; 1910-1917, Supt. of Schools, Vashon, Washington; 1917-1921, Supervisor in Training Department, Washington State Normal School; Dean of Women, Muskingum College, 1921-.

LEONARD JOHNSON GRAHAM, A. M.

Treasurer

A. B., Muskingum, 1887; A. M., 1890; Graduate Student, Ohio State University, Harvard University; Professor of English Literature, Muskingum, 1890-1916; Member of Ohio Legislature, 1917-; Treasurer, Muskingum College, 1890-.

CHESTER JOSEPH MARSHALL, A. B., M. A.

Professor of Classical Languages

A. B., Muskingum, 1895; M. A., Ibid, 1904; Graduate work, Harvard, 1900-1901; Columbia, 1906; Teacher rural and village schools five years; Professor of Chemistry, Knoxville College, 1896-1897; Instructor in Physics and Chemistry, Muskingum College, 1897-1899; Professor of Science, 1899-1905; Professor of Physics, 1905-1908; Professor of Physics and Education, 1908-1911; Professor of Greek and Education, 1911-1916; Registrar, 1910-'16; Teacher of Latin and Psychology, Pomona, California, High School and Junior College, 1916-1921; Professor of Classical Languages, Muskingum, 1921-.

MARY E. SHARP, A. M.

Professor of Modern Languages

A. B., Westminster College, 1902; A. M., Ibid, 1905; A. M., Columbia, 1921; Certificate of Departmental Recommendation in French, University of Chicago, 1906; graduate work in summer session at University of Chicago, 1908; studied in Germany, 1910; graduate work at Columbia University in summer sessions, 1916, 1918, 1919. Professor of French and Greek, Amity College, College Springs, Iowa, 1904-05; Instructor in Modern Languages, Muskingum College, 1906-10; Professor of Modern Languages, Muskingum College, 1910-.

EARLE RUSKIN BRYANT, A. M.

Professor of Biology

A. B., Milliken University, 1906; A. M., 1910; graduate student, University of Chicago, summer of 1912, 1913; University of Illinois, summer 1919; Teacher in high schools, 1907-1909; Instructor in Biology, Milliken University, 1910-1911; Professor of Biology, Muskingum, 1911-.

LEROY PATTON, M. S.

Professor of Geology

A. B., Muskingum College, 1905; B. S., University of Chicago, 1913; M. S., State University of Iowa, 1916. High School Principal and Superintendent of Schools, 1905-12. Professor of Chemistry and Geology, Geneva College, 1912-15. Fellow in Geology, State University of Iowa, 1915-16. Professor of Chemistry and Geology, Geneva College, 1916-18. Research assistant in Geology, State University of Iowa, field season 1917. Professor of Chemistry and Geology, Muskingum College, 1918-1919. Fellow in Geology, State University of Iowa, 1919-20. Field Geologist for the State of Oklahoma, field seasons, 1920-; Professor of Geology, Muskingum College, 1920-.

M. LUELLA POLLOCK, B. S.

Professor of Home Economics

B. S., University of Pittsburgh, 1917; graduate work at Columbia University, summer sessions, 1919, 1920. Teacher of Home Economics, Pittsburgh Schools, 1917-18; Instructor in Home Economics, Muskingum College, 1918-20; Professor of Home Economics, Muskingum College, 1920-.

WILLIAM COLUMBUS HUNTER, M. A., PH. D.

Professor of History

A. B., Princeton, 1905; M. A., Harvard, 1911; Ph. D., Princeton, 1922; Graduate Student, University of Illinois, summer, 1914; Princeton Graduate College, 1917-1918; Teacher of History and Latin in high schools, 1906-1909, 1912-1914; Professor of History and Economics, Ellsworth College, 1914-1917; Professor of History and Economics, Geneva College, 1918-1919; Professor of History and Economics, Muskingum, 1919-1920; Professor of History, 1920-.

ARTHUR STEVENSON WHITE, A. M., J. D.

Professor of Government and Sociology

Ph. B., Grove City College, 1903; LL. B., University of Michigan, 1909; M. A., 1914; J. D., 1920; High School principal, three years; Head High School English department, two years; Secretary and Manager manufacturing corporation, four years; timber and real estate, one year; Army Y. M. C. A., 1917-1919. Professor of Government and Sociology, Muskingum, 1919-.

ERMAN FLOYD HUNTER, M. D.

College Physician and Professor of Physiology

B. S., Muskingum, 1915; M. D., Western Reserve Medical School, 1919; Interne in Surgery, Medicine, Psychiatry, and Contagious Diseases at Cleveland City Hospital, 1919-20; College Physician and Professor of Physiology, Muskingum, 1920-

JACKSON B. McKINNEY, A. M.

Professor of English

A. B., Marietta, 1909; A. M., Fellow in English, Ohio State University, 1911-1913; A. M., Ohio State, 1913; Graduate Student, Chicago, summer, 1919; Teacher in high schools, 1909-1911; Instructor in English, Northwestern University, 1913-1917; in military service, 1917-1919; Instructor in English, Ohio State, 1919-1920; Professor of English, Muskingum, 1920-.

DAVID DOUGLAS PORTER, A. M.

Professor of Physics

A. B., University of Pittsburgh, 1913; A .M., 1917; Graduate Pittsburgh Theological Seminary, 1920; Instructor Pittsburg Academy, 1913-1920; Professor of Physics, Muskingum College, 1920-.

JOHN JEFFREY SMITH, A. M., B. D., Ph. D.

Professor of Psychology

A. B., Bethany College (W. Va.) 1908; A. M., 1909; Yale Divinity School, B. D., 1912; Yale Graduate School, A. M., 1912; Ph. D., 1915; Beckley Institute, Latin and Mathematics, 1908-1910; Drake University, Assistant Professor of Education, 1916-1918; Schaller, (Iowa) Public Schools, Superintendent, 1918-1920; Muskingum College, 1920-.

CHARLES E. WHITE, A. M.

Professor of Mathematics

A. B., Indiana University, 1896; M. A., 1907; Principal of high schools, 1903; Instructor in Mathematics, Mishawaka High School, 1903-1906; Instructor in Mathematics, Vanderbilt University, 1907-1909; Professor of Mathematics, West Virginia Wesleyan College, 1909-1920; Professor of Mathematics, Muskingum College, 1920-.

JAMES GARFIELD RALSTON, M. S.

Professor of Chemistry

A. B., Ohio State University, 1907; M. S., 1918; Teacher public schools, 1907-1916; Instructor in Chemistry, Ohio State University, 1916-1919; Acting Professor of Chemistry, Muskingum, 1919-1920; Associate Professor of Chemistry, 1920-'21; Professor Chemistry, 1921-.

WILLIAM ALBERT JOHNS, A. B., M. S.

Professor of Agriculture

A. B., Penn College, 1911; M. S., State University of Kentucky, 1917; Head of Department of Agricultural Education, City of Cleveland, 1913-1916; Dean, College of Agriculture, University of Notre Dame, 1917-1919; Director of College Promotion, Carleton College, 1919; Assistant to President and Financial Expert, University of Notre Dame, 1920; Vice President, Evansville College, 1921; Muskingum, 1921-.

BEULAH BROOKS BROWN, Ph. B.

Associate Professor of English

Ph. B., Denison University, 1909; A. M., Columbia, 1921; Student University of Chicago, summer quarter, 1911; Student, Columbia University, summers, 1916, 1918, 1919, 1920; Instructor in English, Muskingum, 1909-1920; Associate Professor of English, 1920-.

FERNE PARSONS LAYTON, B. O.

Associate Professor of Oratory

B. O, Mt. Union-Scio College, 1909; Student, Oberlin College, Otterbein College, 1910-1913; Student, University of Michigan, 1916-1917 and summer, 1919; Special study with Professor T. C. Trueblood of University of Michigan and Professor S. H .Clark of University of Chicago; Instructor in Oratory, Scio College, summer, 1910; Instructor in Physical Training, Otterbein College, 1912-13; Instructor in Physical Training, Muskingum College, 1914-19; Assistant Professor of Oratory, Muskingum College, 1915-1920; Associate Professor of Oratory, 1920-.

MARY AUGUSTA STONE, A. B.

Assistant Professor of Education

A. B., Muskingum, 1916; Graduate Study, University of Chicago, summers, 1919, '20, '21; Teaching, Public Schools, 1886-1896; Teacher and Principal of High Schools, 1896-1914; Instructor, Department of Education, Muskingum, 1916-1918; Assistant Professor, 1918-.

ANNA M. RENTSCH, A. B.

Assistant Professor of Modern Languages

A. B., University of Pittsburgh, 1908; graduate work in summer session of University of Wisconsin, 1913, 1914, 1915, 1920; Teacher of Modern Language in High School, 1913-19; Assistant Professor of Modern Languages, Muskingum College, 1919-.

GEORGE ANDERSON BROWN, A. B.

Assistant Professor of English Bible

A. B., Thiel College, 1893; Pittsburgh Theological Seminary, 1896; Ministry of the United Presbyterian Church, 1896-; Assistant Professor of English Bible, Muskingum College, 1922-.

JEANETTE A. REED, M. A.

Instructor in Latin

B. A., Ohio Wesleyan, 1911; Graduate study, University of Wisconsin, 1914-1916; M. A., 1915; Instructor, Illinois College, Jacksonville, Ill., 1911-1914; High School, 1916-1917; Muskingum, 1917-.

ELSIE RUTH DOWNING, A. B.

Instructor in French

A. B., Muskingum, 1920; University of Chicago, summer term, 1920; Instructor in French, Muskingum College, 1920-.

LILLIAN RUTH FRETTS, B. A.

Instructor in Modern Languages

B. A., Ohio Wesleyan University, 1918; Teacher in High School, 1918-1921; Muskingum, 1921-.

ERMY HAHN JACKSON, A. B.

Instructor of Public Speaking

A. B., Muskingum College, 1921; Tau Kappa Alpha, 1920; University of Michigan, summer term, 1922; in military service, 1918-1919; Muskingum, 1921-.

MARGARET CLAIRE McKELVEY, B. S.

Instructor in Home Economics

B. S., Muskingum College, 1911; Kent State Normal College, summer term, 1914; University of Chicago, summer term, 1920; Teacher of Latin, History, Textiles, and Sewing in High Schools, 1911-1921; Instructor in Home Economics, Muskingum, 1921-.

SARA ALLISON GRAY, B. S.

Instructor in Art

B. S., Muskingum, 1877; Instructor in Art, 1900-.

ELI CAMDEN HENDERSON, A. B.

Athletic Director and Coach

Glenville State Normal, 1911; A. B., Salem College, 1917; Principal Bristol High School, 1912-1915; Director of Athletics and Assistant in History, Salem College, 1916; Supt. Bristol High School and Director of Athletics, 1917-1920; Athletic Director and Coach, Muskingum, 1920-.

EDNA RUSSELL HOSICK, B. S.

Director of Physical Education for Women

Litt. B., Grove City College, 1918; B. S., Columbia University, 1920; Teacher of Latin and Math., Green River, Wy., 1918-19; Director of Physical Education for Women, Muskingum College, 1920-.

RUTH LOUISE POLLOCK

Librarian

Graduate, Washington Seminary, 1912; Certificate Pennsylvania Library Commission Summer School, 1916; Special Student, Chautauqua School for Librarians, summer, 1920; Teacher Elementary Schools, 1912-1913; summer work in Pittsburgh Libraries, 1918, and in Library U. S. Department of Agriculture, 1919; Library, Muskingum, 1915-.

PURLE FRANCES LANTZ

Public School Music and Art

Student, Ohio University; Graduate Capitol College of Music and Oratory, 1920; Supervisor of Music and Art in Public Schools, 1917-21; Public School Music and Art, Muskingum College, 1921-.

EZRA H. F. WEIS, Mus. G., Mus. Bac.

Director of the Conservatory of Music

Mus. G., Northwestern University, 1912; Post-graduate work, Ibid, 1912-13; Mus. Bac., Potomac University, 1921; Voice with Bertha Beeman, Karleton Hackett, and G. A. Grant-Schaefer, Chicago, and William Wade Hinshaw, New York; Piano with Louis Norton Dodge, and Arne Oldberg, Chicago; Theory with P. C. Lutkin, Arne Oldberg, W. A. White, Victor Garwood and L. N. Dodge; Foreign Study and Travel. Private teaching in Chicago, Evanston, Highland Park; Head of Vocal and Theory Departments, Chicago Evan. Inst., 1912-; Director and Bus. Mgr., Mt. Union-Scio Conservatory, 1913-15; Head Vocal Department with Theoretical Branches, Capitol College of Oratory and Music, 1915-1917; in military service, 1917-19; A. E .F., 1918-19; Director Muskingum Conservatory, 1919-; Choirmaster in various churches.

MILO HUGO NEUENSCHWANDER, A. B., Mus. B.

College Organist and Assistant Professor of Music

Graduated, Fort Wayne Conservatory of Music, Fort Wayne, Ind., 1911; Student and Assistant of Pianoforte, Bush Conservatory, Chicago, 1912-1913; Organist and Choirmaster, St. Mathews Evangelical Church, Chicago, 1912-1913; Student, Oberlin College and Conservatory, 1914-1918; Teacher of Pianoforte and Organ in private studio, 1915-1918; in military service, 1918-1919; Mus. B., University of Illinois, 1920; A. B., Illinois, 1921; College Organist and Assistant Professor of Music, Muskingum College, 1921-.

WILLIAM WISHART GRAY

Instructor in Violin and Orchestra

Pupil of Joseph W. Brown, 1889-1892; Francis Gates, 1893-1894; Ora Lane-Folk, 1894-1897; Professor S. G. Smith, 1897-1899; Clement Tetedoux and Luigi von Kunitz, Pittsburgh Conservatory of Music, 1900; W. A. Lafferty, Pittsburgh, 1904; Instructor in Voice and Violin, Campbell College, Kansas, 1899-1903; Professor of Voice and Violin, Oklahoma Methodist University, 1904-1912; Director of Music St. Paul's Episcopal Cathedral, Temple B'nai Israel, Ladies' Music Club Chorus, Oklahoma City; Instructor Violin and Orchestra, 1912-.

ESTELLA McCARTNEY

Instructor in Piano and Musical Kindergarten

Pupil of Carl Grimm, Cincinnati; Blumenschein, Dayton, Ohio; Emil Leibling, Chicago; Professor Little, Beaver, Pa.; Graduate of Parsons Musical Kindergarten, Chicago; Teacher of Pianoforte and Musical Kindergarten, Cambridge, Ohio.

TREASURE TOMLINSON JOHNSTON

Pianoforte

Graduate of Muskingum College Conservatory of Music; Piano with Lulu Adolph Treverton, New York City; Rose Bonheur Nace, pupil of Dr. William Mason and Theodore Leschetizky; Teacher of Piano and Theory, Zanesville, Ohio; Instructor in Piano, Muskingum College Conservatory of Music, 1921-.

EDYTHE M. LOGAN

Pianoforte

Muskingum College Conservatory, Diploma Piano and Theory, 1921; Piano with Estella McCartney, Cambridge, Ohio; E. H. F. Weis. M. H. Lundquist, Muskingum Conservatory; Organ with M. N. Lundquist; Pianist, M. C. Variety Quartet, 1921; Organist, Lutheran Church, Cambridge, Ohio; Instructor in Piano, 1921-.

Officers and Committees of the Faculty

J. Knox Montgomery, D. D. ..... President
J. S. Cleland ..... Dean
G. Boone McCreary ..... Secretary and Treasurer

STANDING COMMITTEES OF FACULTY

Administration—Professors Kelsey, Layton, Lowery, Cleland, McCreary and Dean Morton.

Registration and Reports—Professors McCreary, Lowery, Layton and Cleland.

Curriculum and Schedule—Cleland, McCreary, Layton and Marshall.

Student Affairs and Regulations—Professors Kelsey, F. Layton, Sharp, Pollock, and Dean Morton.

Catalog Committee—Professors McCreary, Cleland, Layton, Lowery and Kelsey.

Athletic and Gymnasium—Professors Smith, Patton and Ralston.

Library—Professors Brown, Bryant, F. Layton, W. C. Hunter and C. E. White.

Lectures and Public Exercises—Professors Layton, Graham, Sharp, Weis and Porter.

Student Publications—Professors Sharp, W. C. Hunter and Kelsey.

Appointment and Recommendation—Professors Lowery, Stone and Smith.

The President is ex-officio member of all committees.

GENERAL INFORMATION

Historical Statement

The first steps toward the establishment of Muskingum College were taken by the people of New Concord in 1836, when, believing in the "Ordinance of 1787," which declared that "Religion, Morality and Knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall be forever encouraged," they applied for a charter. This was granted by the General Assembly of the State of Ohio, March 18, 1837. For many years the College was run as a local institution, governed by a local Board of Trustees. In 1877, believing that the time had come for the college to enter upon a broader field of service, its formal control was transferred to the United Presbyterian Presbyteries of Muskingum and Mansfield. In 1888 its sphere of service was still further extended when it came under the control of the United Presbyterian Synod of Ohio. These transfers have largely increased its constituency and made it the representative of higher education for a Christian body, having a large membership in Ohio, Michigan, West Virginia, and Pennsylvania. The Board of Trustees is elected by the Synod of Ohio, nine of them being nominated by the Alumni Association of the College Though under denominational care and control, the College offers her advantages to all on equal terms without regard to denominational affiliations. Three denominations are represented on her board, five on her faculty, and fifteen in her student body.

Among those who have served Muskingum College as president are men whose names are widely known in the United Presbyterian Church and in the educational world. Among these may be mentioned her first president, Rev. Benjamin Waddle, D. D., who was in close touch with the institution for over twenty years. Rev. David A. Wallace, D. D., LL. D., who afterwards became the efficient president of Monmouth College, began his educational career as president of Muskingum. Rev. David Paul, D. D., was president for fourteen years, a man mighty in word and deed Rev. F. M. Spencer, D. D., ex-president of Cooper College, was president of Muskingum from 1879 to 1886. Rev. J. D. Irons, D. D., LL. D., succeeded him,

serving the institution for five years. Rev. Jesse Johnson, D. D., now professor in Xenia Theological Seminary, was president from 1893 to 1902. During his administration Johnson Hall and Alumni Gymnasium were erected.

The present president entered upon his duties in September, 1904, and was inaugurated November 7 of the same year. During his administration, the entrance requirements have been standardized and the curriculum of the college strengthened until it is now a member of the Association of Ohio Colleges and of the North Central Association of Colleges and Secondary Schools. The Academy has a four-year course bearing the imprimatur of the State School Commissioner of Ohio as a first grade high school and is a member of the North Central Association. The growth of the institution has been rapid during the past few years, the total enrollment this year aggregating 1448. Over thirteen thousand young men and women have been in attendance upon Muskingum. Over half of her male graduates have entered the ministry, a large number have served as teachers, and seventeen have become college, university, and seminary presidents, two of whom attained national, and one, the late President W. R. Harper of Chicago University, international fame. Thousands of other teachers have received their training at Muskingum College. Her roster of statesmen, lawyers, bankers, and business men, includes names that are most honored. Today Muskingum College through her representatives serves in all parts of the world. During the past sixteen years seventy-two of her graduates have sailed for foreign fields. Her student body today comes from twenty-three states and three foreign countries. A first class Conservatory of Music has been developed in connection with the college and a School of Expression which has few superiors. The college has taken front rank in Ohio in oratory and debate, having won the State Oratorical Contest five times, and during the same time winning thirty-six inter-collegiate debates besides winning the Tri-State Oratorical Contest four times and once winning the Inter-State Oratorical Contest over the leading orators of eleven States, representing one hundred and eleven colleges and universities.

The aim of the institution is to give thorough training. The college idea should be culture—the production of the best manhood and womanhood. And this does not require that utility be lost sight of, but that it be held in proper relation. For young

people the studies which are called "practical" are after all more useful for their discipline than for their direct contribution to skill in the callings of life. She concentrates her effort, so far as studies are concerned, on the preparation of young men and women to receive the bachelor's degree, and her good reputation for undergraduate work has proved her wisdom.

The graduates of Muskingum College do not fail to take high rank in university post-graduate work or when they enter professional or technical schools. Students coming to Muskingum may be sure of thorough training, and a preparation for life that will serve their best interests and fit them for rendering the best service to their generation.

Location

Muskingum College is located on the main line of the B. & O. Railroad, two hours east of Columbus, Ohio, and four hours and thirty minutes west of Pittsburgh, Pa. It is eight miles from the city of Cambridge, and sixteen miles from the city of Zanesville. A half hour taxi service either way on the National Road has made it possible to reach these cities very conveniently. Connections at Pittsburgh, Wheeling, Bellaire, Cambridge, Zanesville, Newark, Columbus, Mt. Vernon, Mansfield, Cincinnati, etc., make New Concord easy of access. The College town is located among the picturesque hills of southern Ohio, and is beautiful for situation. The altitude of the College hill is about 1,000 feet above sea level. It is an ideal college town, supporting four churches, and has never had a saloon. The healthfulness of the place, the moral and religious character of its people, together with its freedom from temptation make it an ideal place for a college student. The college town is modern in improvements, having paved streets, electric light plant and water works. A new impounding reservoir and filtration system is now being constructed which assures a satisfactory water supply. The life of the village centers about the college. The patriotism and loyalty of the people may be judged from the fact that during the Civil War almost every home had a representative in the field, and from the further fact that no citizen born in the township has ever been arrested for crime. About 400 Alumni, former students, and students of Muskingum College were in the world war.

Material Equipment

Johnson Hall

This building was erected in 1899. The length is one hundred and twenty-four feet, the depth sixty feet. The building is three stories in height, and is of red pressed brick. The basement floor contains the Chemical and Geological laboratories. The general Chemistry rooms are equipped for ninety-six students, the desks being provided with gas and water. Nearby is the analysis room, equipped with desks for twenty-four students, with hood, lockers, water and gas. There are two Chemistry supply rooms and recitation room contiguous to the laboratories.

The Geological laboratory is equipped with desks for thirty-two students, gas, water, cases for geological specimens, racks for topographic maps and folios. The section of country about New Concord furnishes one of the finest field laboratories for Geology in the country.

The main floor is occupied by the Library and general reading room, newspaper and periodical room, recitation room for the Department of Geology, and an assembly room, seating three hundred and fifty, with a two manual pipe organ for practice and recital purposes. The Academy chapel is held here.

The third floor is occupied by the Biological laboratory, the Physical laboratory, supply room and recitation rooms for these departments. The laboratory equipment for Biology, Physiology and Physics has been largely added to during the past year, so that instruments for high grade work are at the disposal of the students. About $1,750 have been expended for the Physics laboratory the past year.

These departments have a high grade reflectoscope for both slides and opaque objects, with microscopic attachments. Plans are under way for the installation of a radio receiving station of standard design capable of receiving the longer wave lengths as well as the shorter broad casting wave lengths.

Paul Hall

This building was erected in 1873 and for many years was used as the main college building. It has been remodeled and now contains seven large recitation rooms, furnished with university chairs, maps, charts, etc.

This building is now occupied entirely by the Muskingum Academy. On the main floor is the Physical laboratory, equipped with tables and apparatus for individual work by the stu-

dents. The laboratory is equipped with water, electricity, etc. There are also on the main floor two large recitation rooms. On the second floor there are four recitation rooms, all well lighted. This building now houses the Academy.

Gymnasium for Young Women

This building was erected in 1900 at a cost of $7,000. It is a substantial brick structure and has its own heating plant in the basement. The first floor contains the Janitor's room, dressing and locker rooms, with toilet and shower baths, supplied with hot and cold water, and the exercise room and basketball floor. It is equipped with apparatus necessary for the best development of the physical man. On the second floor are the galleries, a dressing room and lavatory, with shower baths. This Gymnasium is for the exclusive use of the young women.

President's Manse

In 1906 a good twelve-room frame house overlooking the brow of the hill on the south campus was erected at a cost of $5,000 During the present year this building has been completely remodeled, veneered with brick to correspond with the other buildings, almost surrounded with wide verandas and modernized in every way, and is splendidly adapted to its purpose as a social center for the college. It has one of the most commanding views in southern Ohio. The scenery in every direction is attractive to the eye.

Campus

The original campus consisted of but one acre. In 1906 ten acres were purchased and in 1909 twelve acres more. In 1914 thirty-three acres were added including a valley with shaded nooks and flowing streams. In 1919 an additional purchase of nineteen acres was made including a splendid grove of five acres and ground for additional athletic fields. In 1920 ten lots contiguous to the north campus on the east, were purchased. This gives the college a splendid campus of eighty acres with such location and contour as make it one of the most attractive sites for college buildings in the state.

Athletic Field

In addition to the campus described above, the college has for a number of years owned a splendid athletic field with diamond, gridiron, etc. The recently acquired campus will provide for enlargement in this direction and in due course of time Muskingum expects to have an athletic bowl equal to that of any

college in her class. Splendid tennis courts and a lake, 1,000 feet in length and from 150 to 300 feet in width, furnishing excellent boating, bathing and skating, add to the attractiveness of the campus and the athletic life of the institution.

New Buildings

The rapid growth of the institution in the past few years and the consequent crowded condition of the buildings made expansion necessary. The location of the new group of buildings is on the hill west of the old group and is most beautiful for situation. The plan shows thirteen buildings besides the central heating and lighting plant. These are the chapel, the main college building, an auditorium, the library, two science halls, a student building, a gymnasium, and two dormitory groups.

Brown Chapel

This building was erected during the year 1912. It was named in honor of the late J. M. Brown of Wheeling, who was for many years a member of the Board of Trustees and whose gifts and bequests to the college amounted to over seventy-five thousand dollars. The building is 150 feet in length and 60 feet in width. Its architecture is of the English cathedral type. The main floor has a seating capacity of 600 for daily chapel use, and with the balcony and the Y. M. C. A. room, will accommodate 1,000 people. A Moller pipe organ, purchased by the students in attendance during the years of 1911-1913 at a cost of $3,500, has been installed.

The Y. M. C. A. has its home on the main floor of this building in a well appointed room. The Y. W. C. A. is located on the basement floor, their room forming a parlor for the large social and banquet hall adjoining, which will accommodate five hundred people. Here all the social functions of the college are held. On this floor are also the cloak rooms and the kitchen with serving room. The chapel was erected at a cost of $45,000.

Power Plant

This building was erected in 1913. It is 56x68 feet. The smoke stack is 130 feet in height. The boiler room provides for four boilers with capacity of 160 h. p. each. They are of the fire tube return type. The vacuum heating system is used. Provision is made for the storage of eight hundred tons of coal.

There is a commodious engine room with two direct connected generating units consisting of one 75 horse power engine and 50 KVA generator and one 125 horse power engine with

90 KVA generator. Light and power for all buildings, motors and laboratories are furnished from this central plant Power feed and vacuum pumps, together with feed water heaters are also in this room. Steam is conducted to the different buildings through underground conduits. Brown Chapel is provided with direct radiation and ventilated by thermostatic control operated by an electric fan which makes it possible to change the air in the building in three minutes. The original cost of the plant was $38,000 and additions and changes have involved the investment of $20,000 more.

Conservatory Building

This building is located on Main Street, opposite the college entrance. It is a ten-room brick house and has been entirely overhauled and fitted for Conservatory purposes. There is an office and music library room, a general class-room, three teaching studios and five practice-rooms. Two grand pianos and six new Brinkerhof pianos constitute the equipment of this building.

Harper Studio

A few years ago Mrs. Florence Shaw Lorimer donated to the college, the old log house, which is the birthplace of the late Wm. Rainey Harper, President of the University of Chicago. The idea at that time was to remove the house to the college campus. Later the lot on which the house stood was purchased by the college and the old house was restored as nearly as possible to its original condition. The study table used by President Harper when a student in Muskingum College and some other articles of furniture of the old house now occupy the room in which the great educator first saw the light. The first floor of the house is occupied by an attractive confectionery and ice cream parlor known as the "College Cabin," and the second floor has been turned into a photographer's studio.

Montgomery Hall

This building was erected in 1920 and was by the Trustees named in honor of President Montgomery. The building is 190 feet in length by an extreme width of 86 feet. The main floor is occupied by twelve offices of Administration, in connection with which are two fire-proof vaults. On this floor also are three lecture rooms, four class rooms, with private offices for the professors, a Faculty room, and a women's rest room. The second floor has eight class rooms, six with a private office for the professor, a Board of Trustees room and four splendid Literary Society

halls. The basement floor is occupied by the locker and toilet rooms, two laboratories and recitation room for the Department of Home Economics, the college physician's office, Mechanical Drawing room, rest room for men, a recitation room used by the School of Expression, and a large well lighted room occupied by the classes in Agriculture. On this floor is also the janitor's rooms, supply rooms and plenum chamber for heating and ventilating the building.

The architecture is attractive, the building is finished in hard wood and splendidly furnished for its purpose. Educators who have visited it pronounce it one of the best Administration buildings in Ohio. It cost, with equipment, about two hundred and twenty-five thousand dollars.

Faculty Houses

Owing to the crowded condition of the college town, and the impossibility of securing homes for the professors, the college purchased a residence property on Montgomery Boulevard and erected four faculty houses during the summer of 1920. These house are attractive in architecture and provide commodious homes for five members of the faculty.

Women's Dormitory

At the close of the spring vacation this year, the new Women's Dormitory was thrown open and at once became the very popular home of one hundred students. At a cost of $200,000 this building has been provided to meet an insistent need for comfortable housing facilities. It is a brick structure, 136x78 feet, with three stories above the basement, a large parlor and reception hall occupying part of the first floor and living rooms above sufficient to accommodate one hundred and four girls. These rooms are well furnished and on each floor there is provided every comfort for the student. The dining room and kitchen have been furnished completely and the very latest equipment installed. Under the direction of Dean Morton and the house mother, Mrs. Mabel Esterquest, the girls have worked out regulations for their new home and altogether this new equipment is adding a great deal to the comfort and efficiency of the college life.

Barracks—Gymnasium

This building was erected for the S. A. T. C. It is sixty feet in width by ninety-five feet in length. The second story makes an ideal basketball and gymnasium floor. It has a seating

capacity of eight hundred, each seat commanding a view of the entire floor. Adjoining are dressing rooms, shower baths, etc. The first floor has been turned into a men's dormitory. Last autumn a sixteen-foot addition was built to the north side of this building to house the implements of the Agricultural Laboratory and in the second story provide additional rooms to this dormitory.

Museum

On account of the crowded condition of the buildings, little has been done in recent years by additions to the College Museum. In recent years valuable donations have been made by Miss Josephine Martin of Sialkot, India, Dr. J. H. Martin of Sialkot, India, and the late Dr. J. O. Ashenhurst, formerly of Egypt.

Contributions to the museum are earnestly solicited from the alumni, students and friends of the college

The Library

The library occupies two rooms on the second floor of Johnson Hall.

The reference room, which also houses the stacks in which are shelved the circulating books, contains about 8,500 volumes. Among the reference books are general encyclopedias and works on history, literature, music and agriculture, with a case devoted particularly to Biblical and missionary books. Bound volumes of periodicals add much value to the reference collection.

The reading room is well supplied with newspapers and a large number of the best current periodicals.

The library is open to all students, for reading, reference and circulation It is open each week day—morning, afternoon and evening, except Friday and Saturday evenings.

The librarian or assistant in charge is always at the service of any who desire help in looking up material for debates, themes and class room work.

Lecture Course

The college maintains a high grade Lecture Course each year. Students are thus enabled to hear the really great lecturers of the country, and the leading musicians and readers. Besides this course, the Conservatory and School of Expression bring some of the leading artists for special recitals.

Physical Culture

It is a recognized fact that physical training, under competent supervision, is essential to sound scholarship. For this rea-

son Physical Education is required of all Freshmen and Sophomores and a progressive course in systematic and rational physical training, covering two hours per week, is given.

The gymnasium work is open to election by the Juniors and Seniors of the college and may be required of the third and fourth year Academy students. This work is carried on under competent direction.

College Physician

A college physician is employed, who is a graduate of the medical department of Western Reserve University and had one and one-half years of hospital training before coming to Muskingum. A physical examination is made of each student upon entering college, in order that advice and assistance may be given him in acquiring and maintaining a healthy body. By the payment of a semester fee of two dollars, each student receives this examination and has the care of the physician, necessary medicine, etc., and all office calls without further charge. For house calls the student is charged a two dollar fee. Special directions are given the students with reference to the preservation of their health, the effort being preventive, rather than remedial measures.

Government

There are no traditions so persistent as those of a college campus. These inherent ideals of college life, the campus "atmosphere," act with almost irresistible force on all newcomers who are exposed to their influence at a peculiarly susceptible age. The chief treasure of Muskingum, more valuable than rich endowments or costly buildings, is the character of her student body and the traditions of honor, morality, and religion which pervade the life of her campus.

The aim is to govern as little as possible, yet as much as is needed.

The statutes of the Board expressly forbid profanity, card playing, promiscuous dancing, and the use of intoxicating liquors. The use of tobacco has long been forbidden on the college premises, and is discouraged and disapproved everywhere. No student using cigarettes will be permitted to continue in college and no student using tobacco in any form is eligible to election to any representative position in the college nor to membership on any team.

In line with the policy of the institution to teach, encourage and assist students in self-government, a Student Council has been organized during the past year and a constitution and by-laws adopted by the student body with the endorsement of the administration. It is the conviction that this organization will meet a long-felt want in the line of developing proper student government and further the spirit of good-will and co-operation that has always prevailed at Muskingum between faculty and student body.

Sabbath and Chapel Services

Once a month the President preaches to the student body in the College Chapel. Attendance upon this service and also upon the daily chapel service is required of every student. Five unexcused chapel cuts results in the loss of one college credit. Absence from monthly chapel counts as four chapel cuts. The students are also required regularly to attend the services of the church of their choice upon the Sabbath. The institution is pervaded by a religious atmosphere and very few of the students remain outside of church membership.

The aim of Muskingum College is to make men, and its ideal man is one who possesses not only a thoroughly trained mind, a supple and vigorous body, but also a spiritual vision, a trained conscience, and a disciplined will.

Room and Board

Outside the Women's Dormitory, the students room in private homes and for the most part board in clubs. It is always best to secure a room as soon as one has decided to enter college. If it is inconvenient to visit New Concord personally, this may be done by correspondence with the college office. A large committee of the Young Men's and Young Women's Christian Associations looks after the welfare of the new students, and assists them in securing rooms, boarding clubs, etc. Special attention is given to the young ladies in order that they may have the care and oversight which will make their surroundings homelike. A Dean of Women is charged with their oversight.

The Women's Dormitory

The dormitory contains rooms for 104 girls, and boarding facilities for 275. The rooms are heated by steam, lighted by electricity and furnished with rug, curtains, chairs, desk, dressing-table, chiffonier, single bedsteads, mattress, pillow, double blanket. All other bedding and towels are supplied by the occupant.

Applications for rooms should be sent to the Dean of Women. A deposit of $5 is required before the application is registered. The deposit will be applied upon the first payment of room rent. In case of withdrawal of application, the deposit will be returned, provided due notice is received by the Treasurer on or before August 15th.

Assignments of rooms for the following year to students in college is made during the first week of May. New students are assigned in the order in which applications are registered by the Treasurer.

The charge for rooms varies from $2.00 to $2.50 per week per student for double rooms. There are a few single rooms at $2.50 each. The charge for board is $5.00 per week. Board and rent bills are due in advance, one-half to be paid at the opening of the term and the rest at mid-semester.

Dormitory life and activities are controlled by a student association with house officers elected by the young women resident in the building. The aim of the association is to maintain a spirit of loyal co-operation with the college authorities, provide a normal social life for each young woman, and create an atmosphere in the college home in every way consistent with Muskingum ideals. A House Mother resides in the dormitory and has charge of the entire Hall, under the direction of the Dean of Women.

CONTEST PRIZES

Friends of the college have made provision for the following prizes in Oratory, Debate, Bible Reading and Declamation:

I. The Brown Prizes—For several years the late Mr. J. M. Brown of Wheeling, W. Va., a member of the Board of Trustees, and a staunch friend of the college, gave $60.00 in prizes for efficiency in oratory. In his will he made provision for the permanent support of these prizes. There are four prizes, two each for ladies and gentlemen, $20.00 and $10.00 respectively.

II. The Weaver Bible Prizes—Mr. J. Riddle Weaver of Canonsburg, Pa., has endowed the Bible Reading Prizes in memory of his wife, Mrs. Myra Law Weaver, and his daughter, Miss Mysie Giffin Weaver. The object of these prizes is to encourage students to cultivate the ability to read effectively the Word of God. The contest is held in April each year. The prizes are three, $7.00, $5.00, $3.00.

III. The Weaver Declamation Prizes—Mr. Weaver has also endowed in memory of his wife and daughter the Declamation Contest which is held each year during the month of May. The prizes are $7.00, $5.00, $3.00. Through this endowment Mr. Weaver has set a worthy example for others to follow and has enshrined in the grateful memory of multitudes his sainted dead.

IV. The Lewis G. Coffey Essay Contest Prizes—These prizes are made possible through the generosity of Mr. Sylvester C. Britton, Boys' Secretary, Y. M. C. A., Dayton, Ohio.

V. Intercollegiate Oratory Prize—A donor whose name is withheld presents $20 each year to the Representatives of the college in the Intercollegiate Oratorical Contest.

VI. Intercollegiate Debate Prizes—The donor of above prize for Oratory has also provided for prizes of $5.00 for each speaker on Intercollegiate Debate teams.

These generous friends of the college and of Christian education are doing more than they realize, as they in this way are helping to stimulate young men and women to their best efforts.

STUDENT AID

Endowed Scholarships

Hon. William Jennings Bryan has established a Loan Scholarship in Muskingum College from the Philo Sherman Bennett Fund, of which he is a trustee. This scholarship is loaned annually without interest to worthy, poor young men for a term of years. As the loans are paid they are added to the principal of the scholarships.

The late J. M. Brown of Wheeling, W. Va., left a fund of fifteen thousand dollars, the interest of which was to be used as a sort of Rotary Scholarship for the purpose of assisting worthy young men, who were preparing for the ministry or the mission field. For a number of years before his death, Mr. Brown had been furnishing ten of these scholarships annually for worthy young men, studying for the ministry, or young women, preparing for the mission field.

The college has had so many imperative needs to meet that until now there has been little effort put forth to secure endowed scholarships. There is no more practical way in which individuals or congregations can multiply their influence, than by establishing and endowing scholarships, the income from which shall be transmuted into character and leadership.

Rotary Scholarships

The college would earnestly commend to the friends of education its Rotary Scholarship plan for the aiding of worthy young men and women in straightened circumstances who are seeking to secure an education.

Briefly outlined the plan is as follows: Individuals or congregations will be given a scholarship on the payment of $50.00 a year for five years, to the Treasurer of the College, Prof. L. J. Graham, New Concord, Ohio. The donor, or, if a congregation, the session will have the privilege of choosing some poor but deserving young man or woman who could not otherwise attend college who will be designated as the beneficiary of this scholarship. The one consideration in the choice of the beneficiary that will be insisted upon by the College is that he must be unable to attend college without this help and must give evidence of being worthy of such aid. If there should be a number of such young people in a congregation owning a scholarship, the session may make choice by competitive examination, questions for which will

be furnished by the faculty. Should the individual donor or the session of the congregation have no person available, the faculty will designate a beneficiary from the numerous applicants which are yearly before them. Full information regarding such scholarships will be furnished on application.

The First United Presbyterian Church of Wheeling, W. Va., had the honor of establishing the first of these scholarships. The next four were established by Mrs. Fred Sebring and daughterst of Sebring, Ohio.

Rhodes Scholarships

Men who have completed their sophomore year at Muskingum are eligible to compete for the Cecil Rhodes Scholarships, tenable for three years at Oxford University, England, with a stipend of $1,500 each year. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extra-curricular activities. Further information may be obtained from any member of the Rhodes Scholarship Committee of Selection for Ohio: Chairman, President, W. O. Thompson, Ohio State University, Columbus, O.; Professor B. E. Schmitt, Western Reserve University, Cleveland, O.; Cary R. Alburn, Esq., Attorney, Garfield Bank Building, Cleveland, O.; Secretary, Professor Leigh Alexander, Oberlin College, Oberlin, O.

Bureau of Self-Help

A bureau of self-help has been established for the purpose of assisting young men and women who are working their way. Through this agency a limited number of young people are enabled to do something toward making their own way in college. This work is in the hands of a committee of the Y. M. C. A.

STUDENT ORGANIZATION

Honor System

Some years ago the student body took the initiative in the matter of the honor system in examinations. Their action was approved by the faculty and all written work in the class room, as well as the regular examinations, is conducted under this system. Each student writes and signs the following pledge upon his paper before handing it in: *I pledge my honor that I have neither received nor given aid during this examination.*

An Honor Council consisting of representatives from the different classes is organized, to which any violation of honor is to be reported for their action, subject to the approval of the faculty.

Religious Organizations

Various organizations for the promotion of general and religious culture and activity and for the increase of missionary intelligence and zeal are open to all students. The parent organizations, the Young Men's Christian Association and the Young Women's Christian Association, hold meetings every week for conference and prayer. During the past year these meetings have been marked by interest and power. Under the direction of these associations voluntary classes are formed for Bible study, and the study of current missionary activity and methods of work. A Volunteer Mission Band holds regular meetings for the purpose of developing the missionary spirit among the students. Several teams go out to churches of different denominations to awaken and encourage an interest in missions.

A number of Gospel Teams have also gone out under the direction of the Young Men's Christian Association during the year and they have done effective work in school houses, rural churches and nearby city churches. This is one of the very encouraging features of the religious activities of the College.

Literary Societies

Excellent opportunities for literary improvement and parliamentary training are afforded by the societies of the College. There are four—the Aretean and Erodelphian, sustained by the

young women; the Union Literary and the Philomathean, sustained by the young men. These societies do excellent work, a work justly regarded on all hands as of great importance. Every student is expected to join one of these.

Oratorical Association

Muskingum College is a member of the Inter-State Oratorical Association and of the Tri-State Inter-Collegiate Association. Through these associations she contests with the leading educational institutions of thirteen states. Two years ago Muskingum's orator won first place in the Ohio State Oratorical Contest and in the final Inter-State contest, the foremost national oratorical contest of America, made second place, thereby defeating the strongest college orators of eleven states. Last year Muskingum's orator won second place in the Ohio State Contest. This year Muskingum won first in the Ohio State Contest and in the Tri-State and competed in the National Contest, having been selected as one of the three champions of the Eastern Division of the national organization in the district contest at Indianapolis.

Inter-Collegiate Debates

Muskingum College is attaining high rank among the colleges of Ohio in Argumentation. During the past twelve years thirty-six Inter-Collegiate debates have been won by Muskingum.

Tau Kappa Alpha

Muskingum College was honored during the year 1911 by having established the first sub-chapter in Ohio of Tau Kappa Alpha, the National Fraternity of Honor Men in Oratory and Debate. The membership in the local chapter will be limited to those winning first honors in Inter-Collegiate contests. This is the highest honor given in Oratory and Debate in Muskingum. The gold key of the fraternity has a national significance and the fraternity numbers among its members such men as W. J. Bryan, Senator Beveridge and Governor Buchtel.

In order to be eligible for election to this organization a student must participate as a speaker in at least two years of Inter-Collegiate Debating, or serve as alternate at least for two years and one year as speaker, or participate in Inter-Collegiate Oratory for one year with exceptionally high rank during Junior or Senior years; or serve acceptably two years in Inter-Collegiate

Oratory; or take part in Inter-Collegiate Oratory one year and in Inter-Collegiate Debate as speaker for one year (or as alternate for two years). These eligibility rules may be modified in exceptional cases only by a unanimous vote of the active members of the fraternity.

This fraternity is purely honorary and has nothing at all in common with college secret fraternities.

Publications

The Muskingum College Bulletin is published bi-monthly during the year and furnishes much interesting and useful information relative to the college and its work. As many as twenty thousand copies of some issues are mailed to a select list. The June number each year is the catalog edition.

The Black and Magenta is published under the auspices of the faculty and students. A Board of Control, consisting of a student from each class and two faculty members, appoints the staff and oversees the publication of the paper. In May, 1914, it became a weekly publication and during the past year has been enlarged. Thirty-three issues are published per year. This publication furnishes a large number of students an opportunity to cultivate a literary taste and also gives them practice in gathering news, editing, proofreading, and other features of newspaper work. The past year has been one of the most successful the paper has had and it is now on a firm financial basis with every indication that it will become a larger factor in college life than ever. The subscription price is $1.75 per year.

The College Annual, *THE MUSCOLJUAN,* is published by the Junior Class in May each year. *The Muscoljuan* is a well-bound volume containing about 200 pages of reading matter and cuts of the different classes and organizations.

The Student Council

During the present school year the Muskingum College Student Council has been organized with representatives elected from the various college classes. It will furnish a vehicle through which the student body may articulate concerning college life in general, and matters pertaining to student welfare in particular. Its declared purpose is to furnish a representative body who can reflect student opinion; control student conduct; encourage legitimate student activities, and to perpetuate and enforce the traditions and customs of the College.

The entire movement has the approval of the faculty and is encouraged by it in every way possible, and it is anticipated the organization will aid in maintaining a complete understanding and establishing thorough-going co-operation throughout the institution.

The Point System

In September, 1922, the "point system" of regulating student participation in extra-curricular activities will become effective. Each college office and each form of student activity is listed at a certain weight or number of points. The honor, responsibility, and time required for participation in an activity determine the number of points assigned to it. By fixing the maximum number of points which may be earned by a student in a college year, the student is prevented from excessive participation in extra-curricular activities and a distribution of offices and activities is effected.

Athletics

The Great War demonstrated the success of College Athletes in training men who effectively coordinate mind and body and who are able in crucial moments to utilize all their powers to the best advantage. Strong intercollegiate schedules are played and an increasing place is given to games among the students who may not be able to take part in contests with other institutions Besides football, the College has teams in basketball and baseball, tennis and track. The athletics are governed by a student athletic association and a committee of the faculty. An athletic fee is collected from each student. This admits him to regular gymnasium classes, the use of gymnasium for games, baths, and floor work at such hours and under such conditions as may be prescribed by the director and entitles him to the equipment that is furnished by the College when he becomes a representative of the College team. Participants in Inter-Collegiate Contests must have a passing grade in all their studies and carry at least twelve hours work.

Alumni

In co-operation with the Alumni Association an Alumni Bulletin is being issued quarterly. This bulletin is edited by the Alumni Secretary. Its object is to bring the Alumni in closer touch with the College and each other, afford a medium of expression of Alumni opinion and in general to servie the interests of the Alumni. Alumni are invited to send in articles and communications for publication in the bulletin. Address all communications to Leroy Patton, Alumni Secretary, New Concord, Ohio.

Careful alphabetical, class, and geographical files of the Alumni are being prepared, together with data concerning the professional and business career of each alumnus. It is highly important that every alumnus keep us thoroughly informed concerning his business and professional progress. This is especially true of the alumni engaged in teaching. The Teachers' Recommendation Bureau in co-operation with the Alumni Secretary desires to aid all of the alumni, as well as those who have just recently graduated, in securing desirable positions. This can only be done if the alumni keep us informed as to their professional progress and present positions. Alumni are urged to fill out and return promptly all blanks sent out by the Alumni Secretary and to supplement this by other information sent in from time to time as occasion may warrant.

COLLEGE EXPENSES

Tuition and Fees

Tuition, per semester of 18 weeks	$50.00
The above amount is charged when the student takes at least twelve and no more than sixteen hours work per week.	
Tuition for less than twelve hours, per hour	4.50
Tuition in excess of 16 hours, for each added hour	3.50
Locker fee, per semester	1.50
Incidental, Library, and Athletic fee, per semester	6.00
Medical fee, per semester	2.00
Graduation fee, payable with tuition, second semester of senior year	5.00

Fees for College Courses

Agriculture, courses 1-2, 5-6, 7, 8, 11-12	$10.00
Agriculture, courses 3-4, 9, 10	5.00
Biology, course 1-7, per semester	4.00
Breakage deposit for Biology course, per semester	.50
Botany course, 5-6, per semester	4.00
Breakage deposit for Botany course	1.00
Chemistry, courses 11-12, 13 or 25, per semester	5.00
Chemistry, courses 14-16, 17, 18, 19, 20, 21, per sem	6.00
*Breakage and supply ticket in Chemistry	5.00
Geology, course 19	5.00
Home Economics, courses 5 and 6, per semester	5.00
Home Economics, courses 7 and 8, per semester	3.00
Home Economics, courses 1 and 2, per semester	.50
Home Economics, courses 3 and 4, per semester	.50
Home Economics, courses 17 and 18, per semester	1.50
Physics, each course, per semester	2.50

Room and Board in Dormitory

Rooms, per week	$2.00-$2.50
Board, per week	5.00

*Each student in Chemistry is required to buy at the Treasurer's office a breakage ticket from which deductions for breakage and non-returnable supplies will be made. At the end of the course the ticket may be redeemed at the office for the amount paid less the deductions. This ticket is bought only at the beginning of the first semester unless exhausted before the end of the year.

The rules of the Board require that no student shall be enrolled until his tuition and fees for the semester are paid.

No student will be registered for less than twelve hours work without the written permission of his parents.

No student will be received ordinarily for less than half a semester nor will any student ever be excused, for any reason whatever, from paying one-half of the tuition of any semester in which he is enrolled.

When absence is caused by protracted illness, or anything else purely providential, a proper reduction will be made, unless the student retains his standing in class. In such case no reduction will be made for any reason.

Children of ministers of any denomination are required to pay but half the tuition in the Academy and College Courses. No reduction is made for them in the Summer School, Special Departments, or College fees.

The incidental, Library, and Athletic fee entitles the student to the privilege of the library and gymnasium, tickets to the College Lecture Course, and to all athletic games and oratorical contests and a subscription to the College Paper. No student enrolled in any department is exempt from this fee.

Estimated Necessary Expenses

Tuition, I. L. A., Locker, and Medical fees for the year—36 weeks	$119.00	$119.00
Furnished room with heat and light	54.00 to	90.00
Boarding	140.00 to	180.00
Books	15.00 to	25.00
Total	$328.00 to	$414.00

To Parents

College fees for each semester are payable on entrance Should this be impracticable, parents should write to the Treasurer, or the President, concerning special arrangements. It is better that money intended for college fees should be brought by the student in check or draft payable to the Treasurer of Muskingum College, which the student should carry to the Treasurer as soon as possible. Parents should not allow their sons to buy on credit, nor run open accounts at stores, nor borrow money from their fellow students.

For many reasons the President should be notified beforehand of the intended matriculation of new students. Not only the President, but each of the professors, will do all in his power to assist new students in finding desirable and congenial roommates, and a new student should feel no hesitation whatever in asking such advice and assistance.

ENTRANCE REQUIREMENTS

Admission to Freshman Standing

The usual method of admission is by certificate. Proper certification merely admits a student without examination. But continuance in any course is based on fitness. Any student failing upon trial to meet the requirements of a course will be remanded to such course as he may be fitted for and required to make up his deficiencies without credit. He will retain, however, the credit given him by his original certificate.

For Freshman standing fifteen units of recognized preparatory work must be submitted. A unit is a course of study comprising not less than 120 sixty-minute hours of prepared work. Four units shall be regarded as constituting a year's work.

The subjects which may be presented for entrance are as follows:

Group A

At least 11 units must be from this group.

English
Foreign Language
Mathematics
Science
History and Civics

The remaining 4 units may be taken in these subjects, or in Bible, Economics, Public Speaking, Sociology or other approved subjects of the high school curriculum.

Group B

Not more than 4 units may be from this group. The figures refer to the maximum number of units which may be offered in each subject.

Agriculture 2
Bookkeeping 2
Commercial Law 1
Commercial Geography 1
Commercial Arith. 1
Stenography 2
Typewriting 1
Home Economics 2
Manual Arts 2

The following units are required of all:

English 3, Mathematics 2, Foreign Language 2, History 1, Science 1.

Those who present 15 units of acceptable entrance credits which do not include certain of the required units shall be required to take additional work in college in the subjects in which their entrance credits are deficient, at the rate of 5 hours of col-

lege credit for each unit by which the preparatory work falls short of the requirement. This does not add to the 120 hours required for graduation but restricts the student in the choice of electives.

Applicants coming from other institutions should have the Registrar of the institution from which they come send to the Registrar of Muskingum College a list of credits and a letter of honorable dismissal.

Graduates from the Academy pass without examination to the corresponding course of the Freshman class in College.

Students who are not candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the faculty of ability to pursue profitably the studies elected.

Presentation of Entrance Credits

At once after completing his high school course a student intending to enter college the following year should request his school principal to forward to the college a certified statement of the work done A blank will be furnished for this purpose. This matter should not be delayed until the student arrives, for that would interfere with his speedy registration. Credentials should be forwarded to the Registrar by July 15, and unless in exceptional cases—not later than Sept. 1. Failure to comply with this request will cause much inconvenience to both the student and officers of the institution.

Admission to Advanced Standing

Students who present letters of honorable dismissal from other colleges of recognized rank may be admitted to advanced standing subject to proper adjustment. Every such applicant is required to present, along with the catalog of the institution in which he has studied, a detailed statement, duly certified, of all the studies he has completed, including the entrance studies for which he has credit.

Unclassified Students

It is desired that each student in the College become a candidate for some degree and take a regular course. For various reasons some students may be unable to take the full College course. These are enrolld as unclassified students. To this list are eligible those who, in addition to their work in the Conservatory, School of Expression, or School of Art, desire to carry some college work.

BACCALAUREATE DEGREE

The Baccalaureate Degree conferred is Bachelor of Arts (B. A.), Bachelor of Science (B. S.), or Bachelor of Science in Education (B. S. in Ed.) may be substituted for the Bachelor of Arts degree at the request of the student provided he fulfills the academic requirements for the degree he elects. This request must be made not later than the middle of the Senior year.

The degree is granted to those who have met the requirements for admission and have fulfilled the requirements for the degree. No second baccalaureate degree will be granted without an additional year of residence study.

Group Distribution

The subjects offered in the College are classified in four general groups:

Group I.

English
French
German
Greek
Latin
Spanish

Group II.

Economics
Education
English Bible
History
Oratory
Political Science
Philosophy
Psychology
Sociology

Group III.

Biology
Chemistry
Geology
Home Economics
Mathematics and Astronomy
Physics

Group IV.

Music
Physical Education

For further information descriptive of the Courses of Study, see the statements of the several departments.

Credit Hours

The credit assigned to a course is expressed in hours, an hour of credit being given for the satisfactory completion of work requiring one class exercise a week for one semester, or an equivalent. Thus a student taking sixteen hours a week of college work throughout a semester receives sixteen hours of credit.

Requirements for Graduation

The requirement for graduation is one hundred and twenty (120) hours of college work (which is the equivalent of fifteen class exercises a week for four years), and must include the specific subjects prescribed for the degree under a major and minor system, as outlined below Beginning with the class of 1921, not over forty (40) hours of Grade D will be accepted for graduation. At least the Senior year must be spent in residence. Each graduate is further required to present a thesis as described under the plan for majors and minors.

Classification

The class to which the student is assigned depends upon the number of hours of credit as shown on the books of the Registrar at the opening of the college year Those meeting the Requirements for Admission are classified as Freshmen. The requirements in hours of credit for the other classes are as follows:

Class	Minimum	Full
Sophomore	23	30
Junior	53	60
Senior	83	90
Graduation	..	120

No student may change his course of study without the permission of the Committee on Classification.

Amount of Work

The regular work required of each student amounts to 15 hours of recitation each week, exclusive of physical education. No student in the College of Liberal Arts may register for more than 16 credit hours of work unless he receives a grade of A in one-half of the work of the preceding semester, and no grade lower than C in the remainder. By an hour is meant one recitation a week throughout the semester; three hours of laboratory work a week may be required for one credit. In general, a student may expect to spend three hours of time (including the class hour) for one hour of credit.

Prescribed Courses

In order to secure to the student breadth of culture and to insure acquaintance with the main divisions of modern scholarship, certain general lines of study are prescribed. Candidates

for graduation must present a minimum of four credit hours in Bible; at least six credit hours in English; at least four years credit in foreign language, including high school and college language credits, (at least one year of the language credit must be for work done in college); not less than six credit hours in Philosophy and Psychology; and not less than nine credit hours in Social Science (Economics, History, Political Science, and Sociology) and Public Speaking. Not over six hours may be in any one of these departments.

All Freshmen and Sophomores are required to take two hours a week of Physical Education. This work is entered upon the books of the Registrar, but is not counted in the 120 hours required for a degree.

Majors and Minors

1. At the close of the Sophomore year, each student will select a department in which he wishes to do his Major work.

2. The student in conference with the head of the department in which the Major work is being done, will select a Minor course, subject to the approval of the professor in charge of the Major department.

3. A Major consists of 19 hours, including the thesis; a Minor, 10 hours. All departments will recognize Majors and Minors as indicated above, but may advise an increased number of hours especially for the Major. Major work is usually all in one department, but in the case of several of the closely allied departments, part of the work may be in an allied subject according to the plan of the department involved.

4. The Major requirement is in addition to the Prescribed Courses (47 hours) listed above.

Thesis

1. Candidates for the Baccalaureate degree will prepare a thesis in the Senior year, usually under the direction of the department in which the candidate has done his Major work. The thesis may be prepared under the supervision of another department, but only by permission of the faculty.

2. If the thesis satisfies the requirements of the department under whose supervision it is prepared, one semester hour of credit will be given. This is a requirement for graduation.

Instead of the thesis, at the option of the heads of departments, the following alternates may be offered:

1. Candidates for graduation who have received credit in a seminar course in their Major subject, may be excused from preparing the thesis.

2. Candidates for graduation who have received credit in an advanced course in their Major subject, enrollment in the course being limited to Seniors, may be excused from preparing the thesis.

Whether the thesis is written, or one of the alternates is chosen, the total number of credits required in the Major shall be 19.

Elective Courses

To complete the one hundred and twenty hours, the student may choose any elective for which he is able to furnish the necessary prerequisites.

Summary of Required Work for Graduation

Physical Education	two years
English	6 hours
Foreign Language (one year)	6 to 18 hours
Bible	4 hours
Science or Mathematics	6 hours
Philosophy and Psychology	6 hours
Social Science, History and Oratory	9 hours
Prescribed Work	39 hours
Major (in addition to above)	18 hours
Minor (not exclusive of above)	10 hours
Thesis (in addition to above)	1 hour

REQUIREMENTS ARRANGED BY YEARS

The table of prescribed courses is shown below arranged by years. These courses should be taken in the years indicated, as this is not only the logical order, but will prevent the occurrence of many unforseen conflicts of schedule. Moreover, early completion of the prescribed courses gives the student larger freedom for elective studies in the later years, when reasons for choice are likely to be more clear. If a student is not prepared to do the college work in the department specified, he should begin at once to do the prerequisite work in the Academy. When a student has elected a double-semester course, he may not change this course at the beginning of the second semester without the consent of the department concerned. The student is advised, in electing a single-semester course for the first semester, to plan for the balancing course in the second semester.

For the B. A. Degree

Freshman Year

Foreign Language ..... 3 or 4 hours
English, 1-2 ..... 2 hours
Physical Education ..... Required
Elective ..... 3 courses

1. The student must take four hours of Bible before the end of the Sophomore year, in the Freshman year if possible.

2. The student may take one course in Mathematics (1-2), or Science (Biology 1-2, Chemistry 11-12 or 13-14, Geology, Physics 3-4).

3. The student must elect the remainder of his work from Economics, History, Government or Oratory.

Sophomore Year

Foreign Language ..... 3 or 4 hours
Physical Education ..... Required
Elective ..... 4 courses

1. The student must complete the English requirement.

2. The student must have had four hours of Bible by the end of the Sophomore year.

3. The student is advised to take General Psychology (1), if there is a probability of his desiring the thirty hours of educational work; because this course is prerequisite to all other work in Education.

4. The student who has not completed the requirement in Mathematics or Science should complete that work during this year.

5. The student must elect the remainder of his work from History, Social Science, or Oratory, remembering to fulfill the conditions under Group II, Paragraph (1) above.

Junior and Senior Years

By the beginning of the Junior year all required courses, except Philosophy and Thesis, should have been completed. The Junior and Senior years will thus be almost entirely elective, the courses chosen being determined only by prerequisites.

The special attention of those interested in teaching is called to the work in Education, for all of which the General Psychology, (1) of the Sophomore year is prerequisite. Students who intend to take thirty hours of Education must take the subjects as they come in the Junior and Senior years. Such students are further advised to note carefully the special requirements for those who may be recommended as teachers.

Courses Open to Freshmen

Agriculture
Art, 1-2
Bible, 1-2
Biology, 1-2
Chemistry, 11-12 or 13
Economics, 19-20
Education, 13, 14, 15, 17, 18, 19, 20, 21, 22
English, 1-2
French, 1-2
German, 1-2
Geology, 11, 12, 13, 14, 15, 16
Greek, 1-2
History, 1-2, 11-12
Home Economics, 1-2, 3-4
Latin, 1-2
Music (Vocal and Instrumental)
Mathematics, 1-2
Public Speaking, 1-2
Physics, 1-2
Physical Education, 1-2
Spanish, 1-2

In addition to above, Freshmen may be enrolled in any course which they have prerequisites with consent of head of department involved.

Registration and Enrollment

At the opening of each semester the name and courses to be taken by each student are enrolled by faculty committees. Courses should be carefully mapped out so that no changes will be necessary.

The registration must be attended to on days set apart for registration. Failure to comply with this requirement will debar the student from reciting in any class. No student will be enrolled in any class until his bills have been paid. His registration card must be signed by the President and the Treasurer as evidence of this. For each registration after regular registration days an extra fee of one dollar will be required.

Registration for the second semester will be on such days before the close of the preceding semester as are designated by the faculty. Students failing to register at the appointed time will be required to pay a fee of one dollar.

How to Drop a Course

Regular procedure in dropping a course shall be:

1. By consent of the Dean and written recommendation of the professor whose course is to be discontinued. The student must confer with the professor and if he can give satisfactory reason, secure from him his class card autographically endorsed.

2. By filing this card with the Registrar and the payment of a fee of one dollar for change of registration.

Taking up a new course in lieu of the one discontinued shall be by consent of the professor in charge; the consent to be in writing, obtained by the student and presented to the Registrar.

Courses Dropped Irregularly

Courses for which the student has been officially enrolled and from which he has not regularly withdrawn a week from registration shall be recorded as "incomplete." This mark is not permanent, but becomes either:

(1) "Failure" by automatic process, if not changed as provided in (2) or (3).

(2) A regular grade denoting credit if the work be completed within the time limit set by the professor in charge.

(3) A blank, on faculty action.

Attendance

The fallacy of thinking that no harm is done by entering a few days late, has in innumerable instances proved fatal to a student's success. Absence from class entails intellectual loss that can only be made up by special work. Punctual attendance is expected on the opening day of each semester. Unless satisfactory excuse be offered for these absences, they will count against the student the same as other unexcused absences.

Any student having five unexcused absences during a semester in any one college subject shall receive one hour less credit than is regularly given for that subject, and in addition his term grade shall be discounted two per cent. for each absence. This reduction is made by the instructor.

Examinations

Examinations are held at the close of each semester. Any student whose class grade falls below D in any subject will be required to take a special review in that branch before being admitted to final examination. No student who omits a required examination in any branch at the appointed time will receive a grade in the study or be regarded as having completed it until the examination is taken. In any such case the student must present his reason for absence unless he has obtained previous permission to postpone his examination. If the reasons are satisfactory, written permission will be given to have a special examination. This permission, together with the receipt of the Treasurer for a fee of one dollar, must be presented to the professor, and the examination will be given. Where absence at the time of the class examination is caused by sickness, no fee will be charged.

As soon as possible after the close of each semester, a report of grades of each student in all studies will be sent to the parent or to the guardian, to whose careful consideration all reports are earnestly recommended. It is requested that the Registrar be promptly notified of any failure to receive such reports. In these reports the grade of work done is indicated by the use of letters. A grade of A indicates that the work done is superior; B, strong, (A and B are honor grades); C, fair or average; D, poor; E, conditional; I, incomplete; F, failure.

Removal of Conditions

A student receiving a grade of E (condition) in any subject is given an opportunity to remove the condition at the special examination in the semester following that in which the condition was incurred. These special examinations are held, in the first semester, on the Saturday nearest October 1, and, in the second semester, on the Saturday nearest March 15. All work in courses graded I (incomplete) must be completed by the time of the special examinations. Arrangements may be made for

removing conditions by other means than the special examinations and for extending the time in the case of incompleted courses, but all variation from the regular procedure must be by permission of the Dean.

If a student is not in college in the semester following that in which conditions or incompletes were incurred, arrangements may be made for their removal by taking the special examination in the semester in which the student returns to college.

Honors in Scholarships

Graduation honors in scholarship are recorded on the diplomas of the students winning them, and published on the commencement program.

Two classes of graduation honors designated respectively as honor, *cum laude,* and high honor, *magna cum laude,* are conferred at graduation upon students who satisfy the following conditions of scholarship:

Honors in general scholarship are awarded those students who have attained a grade of A in 60 hours; a grade of B in 30 hours, and have no lower grade than C in the total required for graduation. Upper classmen from other institutions who attend Muskingum two years are eligible for this honor class.

High honors are awarded those students who have attained a grade of A in 90 hours of the total required for graduation, and no lower grade than B in the remainder.

The head of each department is authorized to name: the member of the Freshman class whose work in his department merits first honors; the student, irrespective of class, whose work merits first honors. The names of students who have won these honors will be printed upon the commencement program.

Vocational Guidance

In order to aid students who have decided on their future occupation to select the courses which will be of special value to them in preparation for their vocations, the following correlated courses are proposed. These courses are in addition to specifically required courses.

Agriculture—See Affiliated Courses, and Department of Biology.

Business—Major in Economics and Business Administration. Elect American Government and Politics; U. S. History;

European History; Sociology; a modern language, Spanish is suggested; a science, preferably Chemistry or Geology; General Psychology; Public Speaking; Ethics.

Dentistry—It is recommended that the student who intends to enter a dental school shall first complete a college course following the suggestions under *Medicine*. The attention of those who feel that they cannot complete a college course is called to the fact that beginning with the class entering September, 1921, the better dental schools of the United States will require the completion of a year of college work. By agreement of these schools the work of the pre-dental year will consist of six semester hours of college Chemistry, six hours of college Biology, or Zoology, and six hours of college English. Unless the student has had one unit of high school Physics, he must take the equivalent in college. The subjects for the remaining hours are not stipulated.

Engineering—Major in Mathematics and Physics. Elect courses in Geology, (Mineralogy and Petrology are advised); Chemistry; Mechanical Drawing; Principles of Economics; Business Administration; General Psychology; American Government and Politics; Modern Languages.

Home Economics—Major in Home Economics. Elect General Chemistry; General Biology; Principles of Economics; General Psychology; Social Psychology; and take courses in Public Speaking; English; Education; Language; Bible.

Journalism—Major in English. Elect not less than two years in Languages in addition to the required two years; Principles of Economics; Sociology; American Government and Politics; U. S. History; European History; General Psychology; Public Speaking.

Law—Major in Government. Elect U. S. History; English History; European History; Principles of Economics; Business Administration; Sociology; Public Speaking; General Psychology; Latin; Modern Languages; and choose courses in English, Philosophy, and Education.

Medicine—The American Medical Association has fixed the minimum requirement for admission to standard medical colleges at 60 semester hours of academic work, apportioned as follows:

Required Subjects.	*Semester Hrs.*
Chemistry (a)	12
Physics (b)	8
Biology (c)	8
English Composition and Literature (d)	6
Other non-science subjects (e)	12
Subjects Strongly Urged:	
French or German (f)	6-12
Advanced Botany or Advanced Zoology	3-6
Psychology	3-6
Advanced Mathematics, including Algebra and Trigonometry	3-6
Additional courses in Chemistry	3-6

Other Suggested Electives:

English (additional), Economics, History, Sociology, Political Science, Logic, Mathemathics, Latin, Greek, Drawing.

Ministry—The Major may be in Bible, Philosophy, Greek, or in one of the Social Sciences. Elect courses in English; Public Speaking; History; Government; Economics; Sociology; Bible; Philosophy; Languages; Psychology; Education; Astronomy; General Geology; General Biology.

Missions—Students who are looking toward the foreign mission field and who intend to serve as ministers will notice the courses suggested as preparation for the ministry, others will be interested in the courses suggested under Medicine, Teaching, Agriculture. It is suggested that all prospective missionaries, whether in home or foreign field, should elect several courses in Bible, Languages, Philosophy, and Sociology.

Politics and Public Service—Major in Government. Elect U. S. History; English History; European History; Principles of Economics; Sociology; General Psychology; Ethics; Public Speaking. For consular service—four years of a modern language; courses in Economics.

Teaching—Elementary and High School, see Department of Education. Those who plan to do post-graduate work in preparation for teaching in institutions of higher education, should decide early in their college courses as to the subject in which they intend to specialize. They should plan their course in consultation with the teachers in their chosen department. It is advisable to choose the graduate school not later than the beginning of the senior year in order that specific requirements may be met.

Courses by Correspondence and Other Special Arrangements

Muskingum College does not regularly offer courses by correspondence, and recommends to those who are so situated that they can profitably pursue college studies by correspondence, the courses offered by the Extension Department of the University of Chicago, or of Columbia University. Muskingum College will accept all credits so earned, subject to other college regulations.

In special cases members of the faculty may conduct courses by correspondence. All such cases must be referred to the curriculum committee which will approve the giving of courses by correspondence only in exceptional cases, the plan and method of the course is under the supervision of this committee. The tuition charge for correspondence courses in $12.50 per credit hour.

For work done in special conference with the instructor rather than in regular classes, at least one full hour of instruction each week shall be required for three hours of college credit. All such courses are offered only by the approval and under the supervision of the curriculum committee. The tuition charge is $10.00 per credit hour.

AFFILIATED COURSES WITH OHIO STATE UNIVERSITY

The Five-Year Arts—Agriculture Course

In 1914 the College of Agriculture of Ohio State University and Muskingum College adopted a five-year combined Arts-Agriculture course. At the end of the fourth year in this course, Muskingum College will give the degree of Bachelor of Science; and at the end of the fifth year, Ohio State University will give the degree of Bachelor of Science in Agriculture. The outline of this course as adopted by the two institutions is as follows:

THE THREE YEARS REQUIRED WORK AT MUSKINGUM COLLEGE

Freshman Year

English, 1-2	4 hours
Mathematics, 1-2	6 hours
Modern Language	6 or 8 hours
Biology, 1-2	6 hours
History	6 hours

Sophomore Year

English	4, 5 or 6 hours
Chemistry, 11-12 or 13-14	8 hours
Mechanical Drawing, 8-9	6 hours
Economics, 1-2	6 hours
Modern Language or Botany	6 or 8 hours

Junior Year

Physics, 1-2	8 hours
Geology, 11-12	8 hours
Philosophy	6 hours
Elective	8 hours

If Botany was not taken in the Sophomore year, it must be elected in the Junior year.

The student must take at least 4 hours of Bible before the end of the Junior year.

THE TWO YEARS REQUIRED WORK AT OHIO STATE UNIVERSITY—(Quoted from Ohio State Catalogue)

Senior Year

Animal Husbandry	4 hours
Agricultural Chemistry	4 hours
Rural Economics	4 hours
Farm Crops	4 hours

Choice of any two of these subjects throughout the fourth year, the remaining two the fifth year.

In addition to the two subjects elected, ten hours a semester to be selected with approval of advisor.

Post Senior Year

Two subjects of the four mentioned in the senior year (eight hours a semester) and ten hours throughout the year, from any of the courses related to the previous year's work in the College of Agriculture.

The Four-Year Courses

For students who do not feel that they can spend five years in securing degrees from both institutions as stated above, arrangements have been made with Ohio State University whereby students in Agriculture or Home Economics may take two years at Muskingum College and complete the course in two years at Ohio State University.

IN AGRICULTURE

A student who has received college credit for the sixty-eight hours work outlined below would be able to complete the work for the degree of Bachelor of Science in Agriculture at the University within two years, as he would have then to complete only sixty-eight semester hours of the more technical work of the course for that degree.

Chemistry, 11-12 or 13-14	8 hours
Biology, 1-2	6 hours
English, 1-2	4 hours
Geology, 11-12	6 hours
Botany, 5-6	8 hours
Mathematics and Physics	6 hours
Modern Language	8 hours
American History or Economics	6 hours
Other College work	16 hours

IN HOME ECONOMICS

In order to complete the required work for the degree of Bachelor of Science in Home Economics within two years at the University, the student should have college credit from Muskingum for at least sixty-eight hours of work, including the following subjects:

Chemistry, 11-12 or 13-14	8 hours
Organic Chemistry, 22	4 hours
Biology, 1-2, or Botany, 5-6	6 or 8 hours
Modern Language (two years)	12 or 16 hours
Psychology, 3-4	6 hours
Economics, 1-2	6 hours
English, 1-2	4 hours
Other College work	13 or 15 hours

The Four Years Required Work at Ohio State University—(Quoted from Ohio State Catalogue.)

In case a four years course at Muskingum is desired, with a Major in Home Economics, see Department of Home Economics.

Degree—Bachelor of Science in Education

First Year

First Semester		Second Semester	
Chemistry (105 or 109)	4	Chemistry (106 or 110)	4
Art (119)	1	English (104)	2
English (101)	2	Zoology (102)	3
Biology	3	French or German	4
French or German	4	Home Economics (112)	2
Home Economics (111)	2	Physical Training	1
Physical Training	1		

Second Year

Chemistry (127)	4	Agriculture Chem. (123)	5
Home Economics (101)	5	Home Economics (102)	5
Physiology (101)	3	Physiology (101)	3
French or German	4	French or German	4
Physical Training	1	Physical Training	3

Third Year

Psychology (101)	3	Economics (136)	3
Economics (135)	3	Home Economics (104)	3
Bacteriology (107)	4	Home Economics (118)	3
Art (131)	2	Art (141)	2
History of Education (101)	3	History of Education (102)	3
Psychology (102)	3		

Fourth Year

Sociology (101)	3	Sociology (102)	3
Principles and Practice of Education (101)	3	Principles and Practice of Education (104)	3
Home Economics (119)	3	Home Economics (109)	1
Home Economics (108)	1	School Admin. (102)	3
School Admin. (101)	3	Elective	5
Elective	2		

COURSES OF INSTRUCTION

Department of Agriculture

PROFESSOR JOHNS

1-2. ANIMAL HUSBANDRY.

First and Second Semesters *4 hours*

In this course the students are taught the fundamental principles of feeding, breeding, general care and management of the various classes of farm animals. Special emphasis is placed on the practical application of these principles to the livestock business. They learn to recognize the merits of the various breeds and to judge animals on that basis, to know the value of different feeds and to select economical rations from the feeds available on the market, to deal with common diseases, and to market stock and stock products as well as to produce them. Through field trips they come in contact with successful breeders and dairymen and acquire valuable information from the experience of these men.

3-4. SURVEY OF AGRICULTURE.

First and Second Semesters *3 hours*

A general discussion of the field of Agriculture. This course is intended primarially to assist the student who wants a general knowledge of modern agricultural practice.

5-6. POWER FARMING.

First and Second Semesters *2 hours*

This is a study of the internal combustion engine, its construction, and principles of operation. Attention will be given to tests of fuel consumption and to farm transmission problems. A study will be made of waterpower and electric light and power systems and especially of the tractor; specifications; component parts; ratings; and comparisons of designs.

7. AGRONOMY, SOILS AND SOIL FERTILITY.

First Semester *4 hours*

Some of the topics taken up in this course are as follows: Properties of soils; origin and formation of soils; composition of soils and sub-soils; the relation of the plant to the plant food; in the soil available and unavailable plant food; size, form and arrangement of soil particles in their relation to crop growth; forms of water in the soil; their movements and means of loss

movement of air in soils; relation of soil to heat; the function of humas; nitrification, dentrification and fixation of nitrogen as affected by farm practice; the reasons for tillage; irrigation and drainage; soil deterioration; maintenance of soil fertility; the proper use of barnyard manure; green manure and fertilizers. The laboratory work consists of a series of experiments on samples of soils which the students bring from their home farms.

8. AGRONOMY, FARM CROPS.

Second Semester *4 hours*

A study is made of the grains and cultivated grasses produced in this district. The work includes the identification and selection of the better varieties and samples; also, the manner of seeding, harvesting, and preserving the various grasses and grain crops produced in Ohio. Grain judging laboratory two afternoons per week is given in connection with the lecture work.

9. HORTICULTURE, TREE FRUITS.

First Semester *3 hours*

1. General Horticulture. A few of the important principles of fruit culture, with definite facts as to the home orchard, location planting; tillage; fertilizers; spraying; pruning; protection; propogation and renovation of old orchards. Attention will be given to the business side of fruit growing; harvesting; advertising and marketing. The aim is to give the student interest in horticulture, specific knowledge of the fruit industry.

10. HORTICULTURE, VEGETABLE GARDENING.

Second Semester *3 hours*

This is an intensive course in vegetable growing; a study of fundamental principles, methods, practices, cultural directions. Hot-beds, cold-frames, and greenhouse constructions and operation will be carefully studied.

11-12. FARM MECHANICS AND AGRICULTURAL ENGINEERING.

First and Second Semesters *2 hours*

An elementary study of agricultural engineering, farm drainage, irrigation, roads and farm machinery. Some of the sub topics are: measuring fields, computing area, map making, principles of construction of tile drains, sewage disposal, earth roads, road machinery, the plow, seeders and drills, corn and potato planters, grain binders, haying machinery, threshing machinery, farm tractors and trucks, manure and straw spreaders, the care and repair of machinery.

Department of English Bible

PROFESSOR KELSEY
ASSISTANT PROFESSOR BROWN

The Bible Department of Muskingum College is thoroughly established, being substantially endowed by the Board of Education of the United Presbyterian Church. Following approved and modern educational methods, its purpose is to systematically open the Word of God to the inquiring student mind. While recognizing the new day in Biblical criticism and endeavoring to keep abreast of the latest equipment for Bible instruction, we believe implicitly in the inspiration and authority of the Book. It is our aim to have the living message of the Living Word so attract the attention and awaken the individual interest that the student taking these courses will acquire a working knowledge of the Bible and a personal skill in handling "aright the word of truth," and by his own study lay hold of the conviction that the Book is of divine origin. The class work is conducted both conservatively and constructively.

1. OLD TESTAMENT HISTORY.

Required *First Semester* *2 hours*

A general survey of the History of the Hebrew people with proper recognition of their contribution to the social and political as well as religious life of modern times.

2. THE LIFE OF CHRIST.

Required *Second Semester* *2 hours*

Special emphasis is placed upon the outstanding personality of Jesus. His mission and motive are carefully investigated along with the historical events of His life.

3. OLD TESTAMENT PROPHECY.

Prerequisite 1 *First Semester* *2 hours*

A course carefully linking the History of the Old Testament with the fulfillment of the New, and at the same time presenting the teaching of prophetic scripture.

7. THE PLANTING OF THE CHURCH.

Prerequisite 2 *Second Semester* *2 hours*

Largely a study in the Acts with proper consideration of the Epistles in tracing the origin and early development of the Christian Church.

4. THE SOCIAL TEACHINGS OF JESUS.

General Elective *Second Semester* *2 hours*

The turbulent social conditions of modern times render this course peculiarly timely.

5. OLD TESTAMENT POETRY.

Prerequisite 1 *First Semester* *2 hours*

The course consists largely of selections from the Psalms with some material from other poetical sections.

6. WISDOM LITERATURE AND THE BOOK OF JOB.

Prerequisite 1 and 3 *Second Semester* *2 hours*

Both the literary structure and the philosophic content of this portion of the Old Testament are carefully considered in this course.

8. EPISTOLARY LITERATURE.

Prerequisite 2 and 7 *Second Semester* *2 hours*

It is the purpose to have this study in the Epistles Supplement the historical portions of the Gospels and the Acts and shed light on the later events in the life of the Apostolic days, as well as discover the doctrinal teaching of those who so largely aided in establishing the church.

11. CHRISTIAN MISSIONS.

General Elective *Second Semester* *2 hours*

A study of missionary methods and progress including a survey of modern missionary enterprises.

9. ETHICS OF THE NEW TESTAMENT.

Prerequisite 1 *First Semester* *2 hours*

In a complex age when clear distinctions between right and wrong are difficult to make, such a course is calculated to discover some very necessary fundamental principles to maturing youth.

12. THE EVIDENCES OF CHRISTIANITY.

Junior or Senior *First Semester* *2 hours*

See "Philosophy" course 10 for a description of this course.

10. BIBLE PEDAGOGICS.

General Elective *First Semester* *1 hour*

This course is a study in methods of Bible teaching and the work is largely confined to the class room with the usual two hour recitation period for one hour of credit. The laboratory

material will consist of Discussion Group Texts, International S. S. Lessons, Bible School Graded Series, etc., and each student is expected to lead a group or class and report on his work.

13. SCHOOL USES OF BIBLICAL LITERATURE.

General Elective *Second Semester* *2 hours*

A classification of the writings of the Bible and a study of selections from its history, biography, poetry, proverbs, narratives, discourses, miracles and parables most extensively quoted or alluded to,—without a knowledge of which one can scarcely catch the significance of many expressions of eminent speakers and writers. Also suggestions for the adaptation of these selections as special or supplementary exercises in schools.

All Freshmen should take courses 1 and 2 and it is advisable to get this required work off early in one's course.

Department of Biology

PROFESSOR BRYANT

The courses in Biology are planned to give students a knowledge of plant and animal life, both in respect to structure and also in respect to the laws which control the lives of these organisms. Aside from value in general education, the courses are prerequisite to Agriculture, Home Economics and Medicine.

1-2. GENERAL BIOLOGY.

Freshmen *Both Semesters* *3 hours*

This is a fundamental course for Freshmen, acquainting the student with principles of organic life and with methods of laboratory work. It is well fitted for training the student who decides to continue further in Biology work; but is also adapted to the student who takes but one year of Biology.

(Prerequisite to other Biology courses)

5-6. BOTANY.

Both Semesters *4 hours*

Botany is the study of plant life. In this course structure and physiology are given about equal place. Some time will be given to field work in studying native flora, especially shrubs and trees. Attention will be given to Ecology and to the economic side of Botany.

8-9. THE TEACHING OF BIOLOGY.

Prerequisite, 1-2 *Both Semesters* *1 hour*

A training course for prospective teachers of Biology in secondary schools. The work consists of the study of the pedagogy of Biology teaching, review of high school texts, equipment and supplies, etc. Text: Lloyd and Biglow. Students desiring the recommendation of the department as high school teachers should take Biology 1-2 and one or more advanced courses.

Observation and report and practice teaching will be given in this course as required by Education 11 and 12.

18. NATURE STUDY.

Second Semester *2 hours*

This is intended for prospective elementary teachers taking the course in Education. It is a survey of the facts and principles of Biology, with special reference to those things in nature that are of interest and importance to child life. Two hours per week will be spent in recitation and two hours in laboratory or field work. Among other things, the field work will include the study of native trees and birds.

12. GENETICS.

Prerequisite 1-2 *First Semester* *2 hours*

Genetics will be given as a lecture course, with two lectures per week. The bulk of time will be given to the fundamental laws of inheritance, as shown in animals and plants; a few weeks at the end will be devoted to the human side of Genetics, known as Eugenics.

14. ADVANCED BIOLOGY.

Second Semester *2 or 3 hours*

This course may be taken only by students particularly interested in Biology and who have shown considerable ability especially in independent work. The work will consist largely of problems assigned by the head of the department and should aid the student in preparing for future research. The course runs the second semester, but those expecting to take the course should choose their problem in consultation with the head of the department, some time during the first semester, to avoid loss of time. Prerequisites 1 and 2, also 5 and 6 in case the problem is Botanical. Courses 8, 9 and 12 are very strongly advised.

35. HISTORY OF SCIENCE.

Both Semesters *1 hour*

For a description of this course, see Departments of Chemistry, or Geology.

Department of Chemistry

PROFESSOR RALSTON

Instructor (to be appointed)

The object of the work in this department is to cultivate the scientific spirit and habit, to furnish training in modern methods of pure and applied science, to provide suitable preliminary training for graduate work or preparation for medical school and to afford training for those who wish to teach Chemistry in high schools or who wish to enter technical work, certain courses in the Departments of Agriculture and Home Economics.

Students who desire a general knowledge of Chemistry, but who do not wish to pursue the subject further are advised to elect Chemistry 11-12.

Students who are contemplating graduate work in Chemistry should at least elect Courses 11-12 or 13, 14, 16, 17, 18. These courses constitute the minimum prerequisites for graduate work in the majority of universities.

Those who expect to teach Chemistry in high schools should elect Courses 11-12 or 13, 14, 16, 19-20, 23-24.

Students preparing to enter medical school should take Courses 11-12 or 13, 14, 16, 19-20.

As a preparation for technical work the course in Analytical Chemistry will be the most advantageous, but the study of Chemistry should be made as extensive as possible.

Courses 21 and 22 are especially arranged for students in Agriculture and Home Economics. Students are advised, however, to take Courses 19 and 20 instead of 22 if possible.

11. GENERAL INORGANIC CHEMISTRY.

No prerequisite *First Semester* *4 hours*

Two lectures and four laboratory hours each week. An introductory course in the chemistry of non-metals. Arranged for students who have not offered Chemistry for entrance credit.

12. GENERAL INORGANIC CHEMISTRY.

Prerequisite, Chemistry 11 *Second Semester* *4 hours*

Two lectures and four laboratory hours each week. An introductory course in the chemistry of metals. The laboratory work will consist of an elementary course in qualitative analysis.

13. ADVANCED GENERAL INORGANIC CHEMISTRY.

Prerequisite, entrance credit in Chemistry *4 hours*

First Semester

Two hours lecture and four hours laboratory each week. A general course in the chemistry of non-metals.

13a. ADVANCED GENERAL INORGANIC CHEMISTRY.

Prerequisite, Chemistry 13 *4 hours*

Second Semester

Two hours lecture and four hours laboratory each week. A general course in the chemistry of metals, with the laboratory work consisting of elementary systematic qualitative analysis.

16. QUALITATIVE ANALYSIS, ADVANCED.

Prerequisite, Chemistry 12 or 13a *4 hours*

Either Semester

One lecture and six hours of laboratory work each week. The lecture deals with the theories and principles underlying the analytical reactions. The laboratory work consists in the study of the analytical reactions of the common metal and acid ions and the analysis of some unknown compounds.

17-18. QUANTITATIVE ANALYSIS.

Prerequisite, Chemistry 12 or 13a *4 hours*

Both Semesters

One lecture and six laboratory hours each week. Fundamental principles of quantitative analysis including both gravimetric and volumetric methods.

19-20. ORGANIC CHEMISTRY.

Prerequisite, Chemistry 11, 12 or 13a *4 hours*

Both Semesters

Two hours lecture and four hours laboratory each week. Chemistry of the carbon compounds. Preparation and properties of the more important carbon compounds of both the aliphatic and aromatic series and the theoretic questions involved.

21 and 21a. AGRICULTURAL CHEMISTRY.

Prerequisite, Chemistry 12 *or* 13a *Both Semesters* *4 hours*

One lecture and six hours laboratory each week. Elementary quantitative analysis and its applications to the field of agriculture.

22. ORGANIC CHEMISTRY, SHORT COURSE.

Prerequisite, Chemistry 11-12 *or* 13*a* — *4 hours*

Second Semester

This course is designed for students in the Agricultural and Home Economics Courses. The lectures cover the same ground as the lectures in Chemistry 19-20. The course consists of four lectures a week.

23-24. TEACHING OF CHEMISTRY.

Prerequisite, two years of Chemistry — *1 hour*

Both Semesters

This course will consist of reports from some current educational journal, discussions of the place and value of Chemistry in the curriculum, methods of conducting class and laboratory work and any problems that confront the teacher of Chemistry.

One practice period each week in the laboratory is required.

See Education 11 and 12.

27-28. PHYSICAL CHEMISTRY.

Prerequisites, Chemistry 18, 20, *Physics* — *3 hours*

Both Semesters

Three lectures each week.

A fundamental course in physical Chemistry for those who want to specialize in Chemistry. A discussion of such topics as Electron Theory, Radioactivity, Atomic Theory, Gases, Solutions, Colloids, Thermo-Chemistry, Equilibrium, Kinetics, etc.

Department of Classical Languages

PROFESSOR MARSHALL

MISS REED

GREEK DIVISION

1-2. ELEMENTARY GREEK.

First Year *First and Second Semesters* *4 hours*

Pronunciation, inflections, principles of syntax, vocabularies, translation, and composition.

White's First Greek Book; Xenophon's Anabasis; eight chapters of Book I.

Those expecting to study Greek are advised to begin it in their Freshman year.

3-4. THE ANABASIS; THE APOLOGY; THE CRITO.

Second Year *First and Second Semesters* *4 hours*

Four Books of the Anabasis; Plato's Apology and Crito.

Translation, grammar, composition, The Life and Philosophy of Socrates; Athenian courts and court procedure; the Sophists and their beliefs.

5. NEW TESTAMENT GREEK.

Prerequisite, 3-4 *Second Semester* *3 hours*

Selections from Gospels and Epistles will be read. Meaning and use of prepositions; New Testament departures from Attic uses of the verb in forms and use of Moods and Tenses; sight translations, acquirement of working vocabulary.

6. HOMER'S ILIAD.

Prerequisites, 1, 2, 3, 4 *First Semester* *3 hours*

Three or more Books of Iliad. Greek mythology. Homeric forms, word forms and uses, scansion.

Not offered in 1922-1923.

7. DEMOSTHENES DE CORONA.

Prerequisites, 1, 2, 3, 4 *Second Semester* *3 hours*

Translation, outline or oration, study of Greek Oratory.

8. THE GREEK DRAMA.

Prerequisite, two or more years of Greek *3 hours*

First Semester

The Medea of Euripides will be offered in the first semester of 1922-23. The growth and development of the Greek Drama; and its influence on the language and ideals of Greece.

LATIN DIVISION

1. CICERO, LIVY, OVID, OR THEIR EQUIVALENTS.

Prerequisite, four units of Latin *First Semester* *3 hours*

The Essays of Cicero, selections from Livy's Histories and from the Metamorphoses of Ovid.

2. HORACE, PLAUTUS, CATULLUS, OR THEIR EQUIVALENTS.

Prerequisite, 1 *Second Semester* *3 hours*

Selections from Odes of Horace, a play of Plautus and selections from Catullus.

Two years of Latin are offered in the above courses.

Translation in idiomatic English and composition; attention to English derivations.

3-4. SPECIAL COURSE IN LATIN.

Prerequisite, 1, 2 *Both Semesters* *2 hours*

This course is open to those who have had one year of college Latin, and who have shown themselves especially interested and proficient in this language, and are looking forward either to the teaching of it or to the more advanced study of it.

Different authors will be read.

5-6. THE TEACHING OF LATIN.

Prerequisites, 1, 2, 3, 4 *Both Semesters* *1 hour*

The course includes a study of the methods employed in teaching high school Latin, a discussion of Caesar, Cicero and Virgil, together with composition, a consideration of the merits of text-books and of the problems of teaching. For the working principles of this course and a statement of additional prerequisites and requirements, see Education 11 and 12.

Department of Economics and Business Administration

PROFESSOR CLELAND

1-2. PRINCIPLES OF ECONOMICS.

Sophomore *Both Semesters* *3 hours*

A general course dealing with the institutions and forces which affect the production, distribution, and consumption of wealth. In the latter half of the course attention is given to present economic problems such as: money, international trade, transportation, taxation and labor. Text, a financial periodical, assigned readings and reports. (Offered every year.)

3. CORPORATIONS.

Prerequisites or concurrent course, 1-2, First Semester *3 hours*

A study of the corporation as an element in industrial society. Consideration will be given to the promotion, financing and reorganization of the corporation and to the problem of monopolies and government regulation. Text-book, assigned readings and reports. (Offered 1922-'23).

4. MONEY AND BANKING.

Prerequisite or concurrent course, 1-2, First Semester *2 hours*

This is a study of the fundamental principles of monetary theory and the history and theory of banking. The course includes a discussion of current problems and recent legislation. Text-book, assigned readings and reports. (Offered 1921-'22).

5a. PROBLEMS OF LABOR AND INDUSTRY.

Prerequisite or concurrent course, 1-2, First Semester *2 hours*

An analysis of the economic and social effects of modern methods of production. The course includes a study of the rise of labor organizations and the influence of collective bargaining, profit sharing, social insurance and other movements to secure industrial efficiency and a more equitable distribution of wealth. Text-book, assigned reading and reports. (Offered 1922-'23).

7. BUSINESS ORGANIZATION.

Prerequisite or concurrent course, 1-2, First Semester *3 hours*

This course acquaints the student with fundamental principles underlying the organization and administration of a business enterprise. Attention is given to methods of management, in-

ternal organization and direction of business, commercial policies, and to advertising, marketing, credits and collections. (Offered 1921-'22).

8. ADVERTISING AND SELLING.

Prerequisite or concurrent course, 1-2, Second Semester 3 hours

This course is a study of the principles upon which successful advertising and selling are based. It includes some examination of the psychological principles involved as well as a study of the general economic problems which concern the salesmanager and advertiser. (Offered 1921-'22).

19, 20. PRINCIPLES OF ACCOUNTING.

Both Semesters 3 hours

This is a study of the theory and method of modern accounting systems. The student performs the actual accounting processes. The course is designed to give a practical knowledge of the principles of accounting and to enable the student to apply these principles to the problems of a business executive. (Offered every year).

11. BUSINESS LAW.

Prerequisite or concurrent course, 1-2, Second Semester 3 hours

A general course dealing with contracts, agency, sales, bailments, negotiable instruments, suretyship, partnership and corporations. (Offered in 1922-'23).

Department of Education

PROFESSOR LOWERY, Dean
PROFESSOR SMITH
ASSISTANT PROFESSOR STONE
ASSISTANT PROFESSOR MORTON
INSTRUCTOR LANTZ

The courses in this department are designed to meet the need of four classes of students:

First, students who desire an acquaintance with the educational field without reference to teaching certificates.

Second, students seeking B. A. or B. S. degree and who desire the professional subjects necessary to have the degree recognized by the State Department of Education for a certificate.

Third, students seeking the degree of B. S. in Education.

Fourth, students seeking the diploma and certificate courses for elementary teachers.

The first group may take any of the first ten courses in the department, for which they can furnish the necessary prerequisites.

The second group should be guided by the State Standards for college courses for State certificates, which are as follows:

I. Graduation from a first grade high school or its equivalent.

II. Graduation from college with professional work as follows:

A. 24 hours with the following minimums:

Principles of Teaching	3
History of Education	3
Psychology	3
Special Methods	2
Educational Psychology	2
School Admin. & Manag't	2
Observation and Teaching	3

NOTE—The additional hours not prescribed, to make the total 24, shall be from the general field of education. Courses in sociology, economics, and ethics may be included in so far as the content applies to the teaching profession.

B. 30 hours, education and allied subjects, 15 of education with minimums:

Psychology	2
History of Education	2
Principles of Education	2
Methods	2
School Admin. & Manag't	2
Observation and Teaching	3

NOTE—The hours not prescribed above may be in the general field of education, in philosophy, ethics, logic and sociology. (B is an *alternative* to A until September, 1923, only.)

III. A major and minor selection of academic work. A major is understood to mean at least eighteen semester hours in some one college department after standard entrance prerequisites have been met. A minor is understood to mean at least ten semester hours in some one college department after standard entrance prerequisites have been met for that department.

NOTE—A person entitled to a state provisional high school certificate may secure a provisional elementary certificate provided the applicant has (a) credit for methods work in four elementary studies and (b) either one semester of practice teaching or one year of experience in teaching in elementary schools.

The third group should be guided by the above standards and the outline of the course by years under Prescribed Courses for the B. S. in Education.

The fourth group should take the College Normal Course for Elementary Teachers, under which see the requirements.

DESCRIPTION OF COURSES

I. College Elective and Secondary Education Courses.

For description of courses in Psychology, Philosophy, Ethics and Sociology, see the respective departments.

5-a. HISTORY OF EDUCATION.

Junior *Second Semester* *3 hours*

This course is a study of education in Ancient China, Greece, and Rome, education during the Middle Ages, and the evolution of education theory, practice, institutions, and leadership, since the beginning of the Renaissance. The methods of the course involves work in the text-book, class discussions, assigned readings, special reports, and lectures.

7. PRINCIPLES OF EDUCATION.

Junior-Senior *First Semester* *3 hours*

An examination of the aims, the principles, the values, the agencies of education, together with their application to the educative processes.

9. PRINCIPLES OF TEACHING—HIGH SCHOOL.

Senior *First Semester* *3 hours*

A consideration of the selection and arrangement of the subject matter; the methods or types of learning involved in the various subjects, and the corresponding methods of teaching; the uses of aids, materials, devices, and laboratories, in secondary education.

10. SCHOOL ADMINISTRATION.

Senior *Second Semester* *3 hours*

A study of the American School System as to aims, extent, types of organization, taxation and support, legal provisions, present problems. Primarily a course for prospective high school teachers or superintendents. Recommended to all whose future community life leadership is likely to touch public school problems.

10-1. SCHOOL ORGANIZATION.

Sophomore or above *Second Semester* *3 hours*

A study of our public schools as to courses of study; correlation of the work of teachers, principals, superintendents; school attendance; problems of health and recreation; grading, promoting and classifying school children. A study of educational measurements and intelligence tests and their uses in connection with school problems. This course is primarily for teachers or superintendents of elementary schools or junior high schools.

11. HIGH SCHOOL METHODS—SPECIAL.

Senior *Both Semesters* *2 hours the year*

The several departments of the college conduct teacher-training courses in the corresponding high school subjects. These courses in the special methods of the secondary school subjects cover the materials, the methods of instruction, and the organization of the work in the subjects under consideration. The following courses are offered:

a. Biology, 8-9	The Teaching of Biology.
b. Chemistry, 23-24	The Teaching of Chemistry.
c. English, 18	The Teaching of English.
d. French, 7-8	The Teaching of French.
e. History, 13-14	The Teaching of History.
f. Home Economics, 11-12	The Teaching of Home Economics.
g. Latin, 5-6	The Teaching of Latin.
h. Mathematics, 10	The Teaching of Mathematics.
i. Oratory, 17-18	The Teaching of Oratory.
j. Physics, 5-6	The Teaching of Physics.

12. OBSERVATION AND PRACTICE TEACHING.

Senior. Parallel with 9 or 11 *Both Semesters* *1½ hours*

Opportunity for this work in a school of 200 students is afforded in the high school courses given in the Academy. The work of this course is divided into two parts:

a. Systematic Observation. Lectures and assigned readings are given, through which are developed outlines that are used in reports and criticisms of class-room work.

b. Practice Teaching. Students are put in charge of high school classes, to work out a series of teaching assignments, in connection with which definite and carefully prepared lesson plans must be presented for criticism and suggestion.

College Normal Course for Elementary Teachers

This course offers two years of college work for elementary teachers, who are graduates of a first grade high school, or the equivalent. The completion of the first year's work in this course merits a county certificate without examination. The normal Diploma, given for the completion of the two year's work, merits a State certificate to teach in the elementary schools of Ohio.

Students desiring to work toward the Two-year College Normal Diploma are governed by the general requirements for the State Provisional Elementary Certificates as follows:

(a) Four year high school or equivalent.

(b) Two year college normal course of professional and allied courses adapted to the preparation of elementary teachers.

Professional work must total 30 semester hours and include:

1. Psychology, 3 hours.

2. Principles of Teaching, 3 hours.

3. School Management and Organization, 3 hours.

4. Methods (including 5 or more elementary subjects) 8 hours.

5. Observation and Practice Teaching, 4 hours.

6. Each such curriculum should include work in music, drawing, industrial art, home economics, physical education. They are counted partly professional.

7. Desirable electives of professional subjects are Child Study, History of Education, Sociology, Rural Education, Story Telling, Measurement, and School Hygiene.

After the above professional requirements have been met the student may elect the balance of the two year's work from the various college departments. All subjects beyond the first year normal training work run for the eight week's summer term and for amount of credit ascribed in the regular college catalog.

The work taken for the normal diploma will be credited on the four-year college course for the degree, B. S. in Education, the work being accepted, for the most part, among the professional and general elective credits. Each student will be required to meet all the prescribed requirements for a college degree. By careful selection of work this can usually be done in the two additional years.

TWO-YEAR CURRICULUM

First Year

First Semester		Second Semester	
Psychology, 13	3	Arithmetic Methods, 21	3
Principles of Teaching, 14	3	English Methods ,19-a	2
School Management, 15-a	3	Reading Methods, 22-a	2
English, 1a	2	English, 2a	2
History Methods, 18-a	2	Geography Methods, 20	2
School Drawing, 24-1	1	School Drawing, 24-2	1
School Music, 23-1	1	School Music, 23-2	1
Observation, 17-1	1	Observation, 17-2	1
Physical Educaion (Ed.) 25	1	Physical Education (Ed.) 25	1
	17	Biology-Nature Study, 11-a	2
			17

Second Year

First Semester		Second Semester	
History of Education, 16	3	School Organization, 10-1	3
Psychology, 1	3	Bible—In Elementary Education	2
Practice Teaching, 17-3	1	Practice Teaching, 17-4	1
Electives	8	Electives	9
	15		15

DESCRIPTION OF COURSES

13. INTRODUCTORY EDUCATIONAL PSYCHOLOGY.

Freshman *First Semester* *3 hours*

See Psychology 3.

14. PRINCIPLES OF TEACHING.

Freshman *First Semester* *3 hours*

An examination of the aims, materials, and principles that assist in determining method. A study of the various types of lessons and types of teaching. A consideration of teaching children to study, of analyzing pupils' difficulties and of determining achievement.

15-a. SCHOOL MANAGEMENT.

Freshman *First Semester* *3 hours*

The course is a study of class-room problems. Attention is given to the mechanical routine and the making of the daily program, to plans for group instruction and for individual instruction; to the essential principles of school-room management; to the nature and means of punishment; to a comparative and analytic study of representative elementary school curricula.

16. HISTORY OF ELEMENTARY EDUCATION.

Sophomore *First Semester* *3 hours*

The work of this course will follow the chief phases of development in elementary education since the Reformation. The text used will be supplemented by assigned readings, reports, and lectures.

17. OBSERVATION AND TEACHING.

Freshman-Sophomore *Both Semesters* *2 hours the year*

The working principles of this course are the same as those in course 12. The practice teaching, however, is done in connection with the New Concord Elementary Schools.

18-a. HISTORY METHODS.

Freshman *First Semester* *2 hours*

The object of this course is to show how to teach History so as to train better American citizens. Type lessons, the different problems of what and how to teach, the selection of suitable text-books, the collection of illustrative material, and the assignment of supplementary readings, are among the points that will receive full consideration.

19-a. METHODS IN ENGLISH.

Freshman *Second Semester* *2 hours*

The course works out a complete program of oral and written work for each of the grades, reviews the essentials of technical grammar and gives practical instruction in Story-Telling and Picture-Study as a means of enriching the language work of the schools.

20. THE TEACHING OF GEOGRAPHY.

Freshman *Second Semester* *2 hours*

The principles and methods of the Teaching of Geography are carefully taught. A standard text-book will be used, together with type-lessons to illustrate the different phases of the subject.

21. ARITHMETIC AND METHODS.

Freshman *Second Semester* *3 hours*

This course treats of the aims and methods of teaching Arithmetic in the grades. The selection and organization of subject-matter, the use of aids, devices, and supplementary materials, are given consideration. Special attention is given to the basic principles in Arithmetic, and to the psychological processes involved in the teaching of that subject.

22-a. READING.

Freshman *Second Semester* *2 hours*

The course deals with the problems of teaching Reading, the Psychology and Pedagogy of Reading, the methods and subject-matter of primary Reading, Reading in the upper grades, Story-Telling, and Dramatization.

23. MUSIC.

Both Semesters *2 hours the year*

This course treats of the aims and methods of teaching Music in the public schools, and is based upon the Course of Study in Music for Elementary Schools, published by the department of Public Instruction of Ohio. Daily practice in sight-singing and chorus work is required. Attention is given to selection of songs and exercises adapted to the various grades.

24. DRAWING.

Both Semesters *2 hours the year*

Practical instruction is given in this course in the teaching of Drawing in the public schools. Hand-work such as paper-cutting, poster-making and clay modeling is also taught. Picture-study is correlated with other studies.

25. PHYSICAL EDUCATION.

Both Semesters *2 hours the year*

A course of practical training in graded gymnastics, folk dances, drills and games suited to gymnasium, class room and playground. Suited to the needs of elementary schools in keeping with the new emphasis on physical training combined with wholesome recreation.

Department of English

PROFESSOR McKINNEY

ASSOCIATE PROFESSOR BROWN

Students who expect to be recommended as teachers of English must take a minimum of twenty-four (24) hours work in this department. Such students are required to take Courses 1-2, 4-5, and 7-8, and are advised to take Courses 3 and 18.

1a-2a. COMPOSITION.

Freshman. Required *Both Semesters* *2 hours*

These courses consist of a vigorous practice in theme-writing, text-book work, and conferences. Much of the work will be based on literary models selected from both English and American literature.

3. ADVANCED COMPOSITION.

Prerequisite, 1-2 *Second Semester* *3 hours*

In this course emphasis is laid on the science of composition, exemplified by constant practice in the art.

4-5. SURVEY OF ENGLISH LITERATURE.

Prerequisite, 1-2 *Both Semesters* *3 hours*

Advised for Sophomores.

The purpose of this course is to trace the principal movements in the development of English Literature from its beginning to the present day. A manual will be used, but the chief emphasis will be placed on illustrative selections from the literature itself.

6. CHAUCER.

Prerequisite, 4-5 *First Semester* *2 hours*

This course includes a study of the life, language, and writings of Chaucer as illustrative of his age. This course alternates with 9. Given 1922-23.

7-8. SHAKESPEARE AND THE ELIZABETHAN DRAMA.

Prerequisites, 4-5, except for Seniors. Both Semesters. *3 hours*

The development of the English drama will be traced up to Shakespeare. With this background, Shakespeare's development as a dramatist will be carefully studied.

9. SPENSER AND MILTON.

Prerequisite, 1-2 *First Semester* *2 hours*

An attempt is made to become acquainted with the lives and chief work of these poets in connection with their respective ages. This course alternates with 6. Not given 1922-23.

10. THE ENGLISH NOVEL.

Prerequisite, 4-5, except for Seniors. *First Semester* *3 hours*

A study is made in this course of the rise and development of the English novel. A guiding manual is used, but chief emphasis is placed on the study of characteristic novels by representative authors.

11-a. THE ROMANTIC POETS.

Prerequisite, 4-5 *Second Semester* *2 hours*

Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats are studied in their historical setting of the Romantic Movement, with special consideration of their characteristic poetry. Not given 1922-23.

12-a. BROWNING AND TENNYSON.

Prerequisite, 1-2 *Second Semester* *2 hours*

A study is made in this course of the lives and chief work of these poets as representative of their age. Given 1922-23.

13. NINETEENTH CENTURY ESSAYISTS.

Prerequisite, 1-2 *First Semester* *2 hours*

A study is made in this course of the principal nineteeth century essays as models of prose style, as well as for thought expressed. Not given 1922-23.

14-15. AMERICAN LITERATURE.

Prerequisite, 1-2 *Both Semesters* *2 hours*

The historical movements in American Literature are traced through selected writing of representative authors.

18. THE TEACHING OF ENGLISH.

Prerequisite, 1-2, 4-5, 7-8 *Second Semester* *2 hours*

For the description and additional requirements of this course, see Education 11 and 12.

19. JOURNALISM.

Prerequisite, 1a-2a *First Semester* *2 hours*

This course undertakes an elementary study of news writing and editing. Frequent practical work is required.

20. THE MODERN DRAMA.

Prerequisite, 1a-2a *Second Semester* *2 hours*

Representive plays are read and discussed, and the chief developments in recent drama are noted. Some attention is given to technique, but special attention is paid to the ideas in the dramas.

21. PROBLEMS IN BIBLIOGRAPHY AND LITERARY METHOD.

Both Semesters *1 hour*

This course is required of all Seniors majoring in the Department of English.

Department of Geology

PROFESSOR PATTON

Muskingum College is exceptionally well situated for the study of geology. Its location is a powerful stimulus and inspiration for the study of physiographic geology for the reason that it is near the drift borders of two great glacial ice sheets, within a region of extensive changes in drainage which are due to glaciation and in a district rich in illustrations of physiographic process. The slight inclination and deformation of the rock strata and their subsequent dissection have made available a wealth of material for the study of structural and historical geology. The college is rapidly acquiring valuable collections for museum purposes and for class-room and laboratory study. Few institutions of like grade are able to offer the advantages for geologic studies that are offered by Muskingum.

Courses 11 to 18 inclusive are general cultural courses and may be taken with advantage by any class of students. Course 25 although offered primarily for students specializing in geology would be of great value to others for general cultural purposes. Courses 19 to 24 are primarily for students taking pre-engineering courses or who are looking forward to scientific professions. Courses 17 and 26 will be of especial benefit to those expecting to teach.

11. GENERAL GEOLOGY.

First Semester *4 hours*

The work of the first semester is largely devoted to a study of the earth processes of erosion, deposition, glaciation, diastro-

phism, etc., as they are known today. Considerable attention is devoted to meteorology and climatology. A part of the time is devoted to a study of the methods of interpretation of topographic maps. Open to students of all classes.

12. GENERAL GEOLOGY.

Second Semester *4 hours*

This is a continuation of Geology 11. The work of the second semester is largely confined to Historical Geology. The record of the past history of the earth is studied and interpreted in the light of the knowledge of the present geologic processes. Some time is devoted to a study of the folios of the U. S. Geological Survey and the methods of interpretation of geologic maps.

13. PRINCIPLES OF GEOLOGY.

First Semester *2 hours*

A general cultural course for those who do not wish to devote as much time to geology as required in the longer course in General Geology but who wish to obtain some knowledge of the subject. The course is conducted along the same general lines as Geology 11 but only the more important phases of geology are emphasized. Open to students of all classes.

14. PRINCIPLES OF GEOLOGY.

Second Semester *2 hours*

This is a continuation of Course 13.

15. COLLEGE GEOGRAPHY.

First Semester *2 hours*

A study of the influence of the earth's features and resources upon the character, distribution and activity of life of all kinds. Attention will be given to the origin and development of the physical features of the earth as these are studied in connection with their relation to man's activities. The course includes an intensive study of the problems presented by the various phases of physiographic and climatic environment. This is a general cultural course and is intended for all those who wish to obtain a broad knowledge of the principles of modern geography. Open to students of all classes.

16. GEOGRAPHIC INFLUENCES.

Second Semester *2 hours*

A continuation of Course 12 in which particular attention is devoted to the influence of geographic environment on human history. Not offered in 1922-23.

17. GEOLOGY OF OHIO AND PENNSYLVANIA.

First Semester *2 hours*

Prerequisite. Preceded or accompanied by Geology 11 or 13.

An intensive study of the physiographic and geologic features of Ohio and Western Pennsylvania including some study of the economic resources of these states. A practical course for all who wish to know something about the history and greatness of their own state.

18. FIELD GEOLOGY.

Second Semester *1 hour*

Prerequisite. Preceded or accompanied by Geology 12 or 14.

A study of geological problems in the field. Field trips will be made to various points of interest in the vicinity of New Concord and various problems will be worked out according to the approved methods of geological research. All students taking Geology 12 or 14 should take this course also.

19. MINERALOGY.

First Semester *3 hours*

The object of this course is to acquaint the student with the practical methods of rapid identification of minerals by laboratory and field methods and to gain a practical working knowledge of the principal minerals. The course also includes a brief study of crystallography. The department has a large collection of minerals which are available for practice in identification and a valuable collection of crystals for crystallography. The department has a well equipped laboratory devoted exclusively to laboratory work in mineralogy and petrology. This course is intended especially for students taking pre-engineering work but is valuable for all persons who would like to obtain a practical working knowledge of minerals. It may also be taken as a credit in chemistry. See announcements under chemistry. Two lectures and two laboratory periods per week.

20. ELEMENTARY PETROLOGY.

Second Semester *2 hours*

Prerequisite, Mineralogy 19.

A course in the elements of Petrology for pre-engineering students and students specializing in geology. The course includes a study of the origin and mineral composition of igneous,

metamorphic and sedimentary rocks and methods of identifying and classifying them by means of practical field methods. As in Course 19 emphasis is placed on the practical phase of the work. Two class-room periods and one laboratory period per week.

22. ECONOMIC GEOLOGY.

Second Semester *3 hours*

Prerequisites. Preceded or accompanied by Geology 12 or 14. Mineralogy 19.

A study of the mineral resources of the world, their mode of origin, distribution and their relations to our civilization. The mineral resources of the U. S. are studied more in detail. This course is intended for pre-engineering students and students specializing in Geology.

23. TOPOGRAPHIC SURVEYING.

Second Semester *2 hours*

Prerequisites. Accompanied or preceded by Geology 11 or 13.

Instruction and practical field work in the use of the plane table and telescopic alidade in plane table surveying, making base maps, explorers' maps, mapping of topographic features, etc. The work is especially designed as a preparation for Geology 8. It is also adapted to the needs of all students taking pre-engineering courses. The department is equipped with the very best and latest instruments for this kind of work. One lecture and one credit hour of field work per week. Hours for field work to be arranged.

25. FIELD GEOLOGY.

Summer *6-7 hours*

If there is sufficient demand for such a course there may be offered during the summer of 1922 a four weeks' intensive field course in the principles of stratigraphy, geologic mapping, field investigations, etc. The field proposed is the Muskingum River Valley. It is proposed to proceed down the river by boats or canoes camping out and studying the geology of the region en route. The field work will be followed by the preparation of a written report. Amount of credit earned will depend upon the excellence of the work. Students interested in this course should consult the professor in charge.

26. PHYSIOGRAPHY OF THE U. S.

Second Semester *3 hours*

The work in this course will consist of two class-room periods and one laboratory period per week. The class-room

work will consist of study of the general principles of physiography. The laboratory work will consist of practical work on the physiography of the U. S. based on the U. S. Geological Survey Topographic Maps and special maps. The course is intended primarily for those who are preparing to teach in junior high schools.

27. AGRICULTURAL GEOLOGY.

First Semester *3 hours*

This course is offered for the benefit of students in the Department of Agriculture in order to enable them to make an intensive study of the geologic processes related to agriculture.

While the emphasis is placed upon those processes which have a direct bearing upon agriculture, a broad knowledge of the whole field covered by the first semester's work in general geology is secured so that the student, if he so desires, may on completion of this course enter the second semester of General Geology or Principles of Geology and complete a year's work in Geology.

35. HISTORY OF SCIENCE.

Both Semesters *1 hour*

A course of lectures given by the heads of the departments of Agriculture, Chemistry, Biology, Geology, Home Economics, Physics, and Mathematics on the historical development of science in which especial attention will be devoted to the men who have made eminent contributions in their respective fields. The object of the course is to give the students a wider acquaintance with the great men of science.

Department of History

PROFESSOR W. C. HUNTER

1. EUROPEAN HISTORY (Medieval).

Freshman *First Semester* *3 hours*

A survey of the political, religious, social and industrial development of Europe from the fall of the Roman Empire to the time of the Renaissance, tracing the rise of the nations of Western Europe. Text-book, collateral reading, and frequent tests.

2. EUROPEAN HISTORY (1500-1815)

Prerequisite, 1, advised *Second Semester* *3 hours*

A continuation of Course 1, covering the development of modern Europe from the Renaissance to Congress of Vienna, emphasizing the Reformation and the French Revolution.

3. EUROPEAN HISTORY (1815-1870)

Prerequisite 2, advised *First Semester* *2 hours*

Reconstruction of Europe after the overthrow of Napoleon, the industrial revolution, the revolutions of 1830 and 1848, Napoleon III and the second Empire in France, Cavour and the unification of Italy, Bismark and the unification of Germany. Text, collateral reading, and papers.

4. EUROPEAN HISTORY (1870-1920)

Prerequisite 3, advised *Second Semester* *2 hours*

German Empire: constitution, industrial development, social legislation, colonial expansion. The British Empire: growth of democracy, colonial system, industrial and social reform. The Republic of France: political and social development, separation of Church and State. The awakening of Russia. World politics and international affairs. The World War and consequent reconstruction.

5. ADVANCED UNITED STATES HISTORY.

Junior or Senior *First Semester* *3 hours*

A study of the development of the American nation from the discovery of America through the Jacksonian era, giving special attention to the Revolution, the formation of the Constitution, and the establishment of the government under it. Text, collateral reading and thesis. This course to be followed by History 6.

6. ADVANCED UNITED STATES HISTORY (since 1829)

Prerequisite 5 *Second Semester* *3 hours*

A continuation of Course 5, from the period of Jackson to the present time. Special attention is given to the growth of national power, and to the social and economic problems since the Civil War.

7. ENGLISH HISTORY (up to 1500)

Prerequisite 1 and 2, advised *First Semester* *2 hours*

A course in general English History from the early times to the reign of the Tudors. Emphasis will be laid on the formation of the nation and the development of its constitution. (Offered in 1923-24). This course to be followed by History 8.

8. MODERN ENGLISH HISTORY.

Prerequisite 7 *Second Semester* *2 hours*

A continuation of Course 7, taking up the history from that period down to the present time. A study of the contest for colonial and commercial supremacy, of the industrial revolution and of the social and political reforms which have contributed to the development of the England of today. (Offered in 1923-24).

11. CONTEMPORARY HISTORY.

Open Elective *First Semester* *1 hour*

The object of this course is to give the student a practical working application of history in connection with the world movements of today. (See Contemporary Political Problems in the Department of Political Science.)

12. CONTEMPORARY HISTORY.

Open Elective *Second Semester* *1 hour*

A continuation of Course 11. Election in Contemporary History is limited to two hours of credit.

13. TEACHING OF HISTORY.

Prerequisite 1, 2, 3, 4, 5, 6, or their equivalents.

First Semester *1 hour*

This course is designed to meet the needs of students who expect to teach history. For professional requirements in this course, see Education 11 and 12.

14. TEACHING OF HISTORY.

Prerequisite 13 *Second Semester* *1 hour*

A continuation of Course 13.

10. ECONOMIC HISTORY OF THE UNITED STATES.

Prerequisites 5 and 6 and Economics 1 and 2.

Second Semester *3 hours*

A study of the development of American commerce, railways, industries, and general economic conditions from the colonial period to the present time, together with special attention to present day economic problems.

15-16. SEMINAR IN AMERICAN HISTORY.

Seniors *Both Semesters* *2 hours*

This course is designed for those advanced students majoring in History who desire to do intensive work on a special field. The class will meet for a two-hour period once a week to suit the convenience of the instructor and students. The period of history will be chosen by the class upon meeting.

17. HISTORY OF FRANCE.

Open Elective *First Semester* *2 hours*

A brief treatment of French History with emphasis on the French Revolution, the nineteenth century, and the Great War. The course is recommended for those majoring in French. (Offered in 1922-23).

Department of Home Economics

PROFESSOR POLLOCK

INSTRUCTOR, M. CLAIRE McKELVEY

Students desiring to be recommended as teachers of Home Economics must take Courses 1-2, 3-4, 5-6, 9, 10, 11-12, 13-14, 15-16.

By special arrangement with Ohio State University, the student who has completed two years in Home Economics at Muskingum may by taking two additional years at the University receive from that institution the degree of Bachelor of Science in Home Economics, or the degree of Bachelor of Science in Education in Home Economics. For the requirements, see Affiliated Courses with Ohio State University, Home Economics.

Students not desiring to graduate in the Home Economics Department may take any of the courses offered in connection with their other college work and will receive full credit.

Students majoring in Home Economics should include the following subjects:

First Year

First Semester		Second Semester	
Chemistry (11 or 13)	4	Chemistry (12 or 14)	4
Art (1)	1	English (2a)	2
English (1a)	2	Biology	3
Biology	3	French, German or Spanish	4
French, German or Spanish	4	Home Economics (4)	2
Home Economics (3)	2	Art (1)	1
Physical Training	1	Physical Training	1

Second Year

Chemistry (14)	4	Organic Chemistry (19-20)	4
Home Economics (5)	5	Home Economics (6)	5
Physiology (1)	3	Physiology (2)	3
French, German or Spanish	4	French, German or Spanish	4
Physical Training	1	Physical Training	3

Third Year

Psychology (1)	3	Economics (2)	3
Economics (1)	3	Home Economics (10)	3
Bacteriology	4	Home Economics (17 or 18)	3
Home Economics (9)	3	Elective	2
History of Education	3	History of Education	3

Fourth Year

Sociology (1)	3	Sociology (2)	3
Principles and Practice of Education	3	Principles and Practice of Education	3
Home Economics (15)	3	Home Economics (16)	3
School Administration	3	School Administration	3
Elective	2	Elective	5

1-2. DESIGN AND COMPOSITION.

Freshman *Both Semesters* *1 hour*

The principles of design are taught in this course. Original designs in pencil, pen, and color are made by the student. Two hours laboratory.

3-4. TEXTILES.

Freshman *Both Semesters* *2 hours*

This course teaches the history, economic importance, and properties of the textile fibres. Clothing budgets are prepared and studied. The laboratory work includes the designing and drafting of patterns, and the making of underwear and simple dresses. One hour recitation. Two hours laboratory.

5-6. FOODS.

Prerequisite, General Chemistry *Both Semesters* *5 hours*

This course includes a detailed study of food nutrients, their use, metabolism, and comparative cost. In the laboratory, foods are studied by means of experimentation and preparation. Three hours recitation. Four hours laboratory.

7-8. FOOD STUDY.

Special *Both Semesters* *2 hours*

This course is designed for those who do not wish to teach the subject, but desire a working knowledge of the principles involved in the preparation of foods. One hour recitation. Two hours laboratory.

9. HOUSEHOLD MANAGEMENT.

No Prerequisite *First Semester* *3 hours*

Problems in the arranging and administering of the home are considered in this course.

10. SANITATION.

Prerequisite, Bacteriology 7. *Second Semester* *3 hours*

This course deals with the construction of the house from a sanitary standpoint, and with the water supply, heating, lighting and ventilating of the home. Special work and demonstrations will be given in home nursing and first aid to the injured.

11-12. THE TEACHING OF HOME ECONOMICS.

Prerequisites, 1-2, 3-4, 5-6, 9, 10 *Both Semesters* *2 hours*

For the description and additional requirements of this course see Education 11 and 12. This course consists of observation conferences, lesson plans and practice teaching.

13-14. DIETETICS.

Prerequisite 5, 6 *Both Semesters* *4 hours*

Two lectures, two laboratory periods each week. A study of the chemical, physiological and economic factors entering into the normal diet. The examination and translation of standard dietaries into food materials. The exercise in making of dietary studies and in preparation of food for the sick.

15-16. TEXTILES—(Drafting and Dressmaking).

Prerequisite 3, 4 *Both Semesters* *3 hours*

Includes practice in drafting, cutting, fitting, making and designing of patterns. Shirtwaists, skirts, sleeves, dresses, etc., are designed and made from patterns. Students provide materials.

17-18. MILLINERY.

Two laboratory periods *Both Semesters* *2 hours*

Millinery stitches, folds, plaitings, bows and simple trimmings, drafting of patterns for hats. The making and covering of buckram frames . The making of hats in velvet and straw. Renovation of material.

P5-P6. HOUSEHOLD PHYSICS.

First Semester, or Both Semesters *3 hours*

For description of this course see Course 5-6 under the Department of Physics.

23-24. SEMINAR IN HOME ECONOMICS.

Senior *Both Semesters* *1 hour*

This course is designed for students majoring in Home Economics. An intensive study is made of some phase of Home Economics. Research on the subjects of food industry, food laws and textiles.

Department of Mathematics and Astronomy

PROFESSOR C. E. WHITE

Instructor (to be appointed)

1. COLLEGE ALGEBRA.

Prerequisite, 1½ Units of Algebra. First Semester 3 hours

This course includes a short review of Elementary Algebra and a study of progressions, graphic methods, inequalities, determinants, probability, and theory of equations.

1a. ADVANCED ALGEBRA.

Prerequisite, 1 unit of Algebra. First Semester 5 hours

This course is similar to Course 1, except that more time is given to the study of subjects treated in Elementary Algebra.

2. PLANE TRIGONOMETRY.

Prerequisite, 1 or 1a Second Semester 3 hours

This course is a study of the trigonometric functions, circular measure, logarithms, trigonometric analysis, inverse functions, trigonometric theorems, and many practical applications of the methods of trigonometry.

4. ANALYTIC GEOMETRY.

Prerequisites, 1-2 or 1a-2 First Semester 3 hours

This course includes cartesian and polar coordinates; properties of lines, circles, parabolas, ellipses, and hyperbolas that may be expressed by the equations of these curves or that may be determined from these equations; solutions of geometric problems by algebraic equations representing straight lines and conic sections.

6-a. CALCULUS.

Prerequisites, 2 First Semester 2 hours

This course includes differentiation of standard forms, successive differentiation, differentials, rates, maxima and minima. Calculus is required to major in mathematics.

6-b. CALCULUS.

Prerequisites, 2, 3, 4 Second Semester 5 hours

This course continues the work of the first semester in calculus and includes application of differentiation, expansion into series, integration of standard forms, integration by parts, integration as a summation and practical applications of the methods of the integral calculus.

8. MECHANICAL DRAWING.

Prerequisite, Plane Geometry. *First Semester* *3 hours*

This course consists of the use of drawing instruments in geometrical drawings and orthographic projection . This course will also be taught the second semester.

9. MECHANICAL DRAWING.

Prerequisite, 8 *Second Semester* *3 hours*

This course includes lettering, isometric projection, sectional views, and development of surfaces.

14. ASTRONOMY.

Prerequisites, 1-2 *First Semester* *2 hours*

This course includes the doctrine of the celestial sphere, astronomical instruments and measurements, the earth as an astronomical body, and descriptive astronomy of the moon and sun.

15. ASTRONOMY.

Prerequisites, 1-2 *Second Semester* *2 hours*

This course is a study of eclipses, planets, satellites, comets, meteors, shooting stars, nebulae, fixed stars and the constellations.

10. THE TEACHING OF MATHEMATICS.

Prerequisites, 1-2-3-4-6 *First Semester* *2 hours*

This course gives the aims and methods in the teaching of algebra and geometry. See Education 11 and 12.

13. THEORY OF EQUATIONS.

Prerequisites, 1-2 *Second Semester* *3 hours*

This course gives the theory of determinants; the properties of rational integral functions; and the methods of solving equations, by reductions, by transformations, by determinants, by trigonometry, by series, and by approximating the root.

16. MATHEMATICAL THEORY OF INVESTMENT.

Prerequisite, 1 *First Semester* *3 hours*

This course will be given the year 1921-1922, and alternate years. It includes graphic representation interest, annuities, amortization, bonds, building and loan associations, probability, and insurance.

17. DESCRIPTIVE GEOMETRY.

Prerequisites, 8-9 *First Semester* *3 hours*

This course includes a representation by projection of points lines and planes and the solution by projection of problems related to the line, plane, and curved surface.

19. DIFFERENTIAL EQUATIONS.

Prerequisite, 6-b *First Semester* *3 hours*

This course gives the theory and solution of ordinary and partial differential equations.

20. COURSE FOR SENIORS.

Prerequisite, 6-b *Second Semester* *1 hour*

This course, instead of a thesis, is required of seniors who major in mathematics. It includes a study of one of the following subjects: Vector Analysis, Theory of Numbers, Irreducible Equations, Navigation, Probability, or Least Squares.

21. COORDINATE GEOMETRY IN SPACE.

Prerequisite, 4 *First Semester* *2 hours*

This course treats of the application of the orthogonal system of coordinates to the geometry of planes, lines, spheres, and conicoids.

22. MODERN ANALYTICAL GEOMETRY.

Prerequisite, 6-b *Second Semester* *2 hours*

In this course, emphasis will be given to the use of trilinear and tangenlial coordinates in geometry.

35. HISTORY OF SCIENCE.

Both Semesters *1 hour*

This is a course of lectures given by the heads of the departments of Science and the head of the department of Mathematics.

Department of Modern Languages

PROFESSOR SHARP

ASSISTANT PROFESSOR RENTSCH

INSTRUCTOR, MISS DOWNING

INSTRUCTOR, MISS FRETTS

FRENCH

1-2. FRENCH I.

Beginner's Course *Both Semesters* *4 hours*

This course is conducted entirely in French. In the first semester Meras' "Premier Livre" is completed; in the second

semester, Meras' "Second Livre" and "Petits Contes de France". By the use of objects, pictures and charts, a practical vocabulary is systematicly built up to supplement that of the text.

3-4. FRENCH II.

Prerequisite, 1-2 *Both Semesters* *4 hours*

This course includes the reading of a number of texts such as "La Chute," "Le Voyage de Monsieur Perrichon," "Le Premier Avion," "Le Carnet d'un Officer Francais," with dictation, composition, based upon the reading, and reproduction in class of scenes from the plays read. A minimum of three hundred pages of outside reading is required. The recitation is conducted in French.

5-6. FRENCH III.

Prerequisite, 4 *Both Semesters* *3 hours*

This is a course in seventeenth century writers with special emphasis upon Corneille, Moliere and Racine.

7-8. TEACHING OF FRENCH.

Open only to Seniors *Both Semesters* *1 hour*

This is a course for prospective teachers of French and is required of those wishing departmental recommendation.

9-10. FRENCH IV.

Prerequisite, 6 *Both Semesters* *3 hours*

This is a course in nineteenth century writers.

12. SCIENTIFIC FRENCH.

Prerequisite, 3 *Second Semester* *2 hours*

This course is for students majoring in chemistry and desiring a reading knowledge of chemical French.

14. FRENCH PLAY.

Prerequisite, 3-4 *Second Semester* *1 hour*

This is a course for students wishing some experience in French play production and from the students registering for this course the cast for the annual French play is chosen.

SPANISH

1-2. SPANISH I.

Beginner's Course *Both Semesters* *4 hours*

This is a course in the essentials of grammar and composition, with daily practice in conversation, and the reading of two hundred pages of easy prose.

3-4. SPANISH II.

Prerequisite, 1-2 *Both Semesters* *4 hours*

This course includes a review of grammar, the reading of Spanish short stories and selections from prominent nineteenth century writers, and written and oral reproduction of the texts read.

6. COMMERCIAL SPANISH.

Prerequisite, 3 *Second Semester* *2 hours*

This course includes practice in writing business letters and reports from outside commercial reading.

7-8. SPANISH III.

Prerequisite, 3-4 *Both Semesters* *3 hours*

This course is a survey of eighteenth and nineteenth century Spanish literature.

9. SPANISH.

Prerequisite, 3-4 *First Semester* *3 hours*

This is a course in twentieth century Spanish literature.

10. SPANISH CONVERSATION AND COMPOSITION.

Prerequisite, 3 *Second Semester* *3 hours*

This course aims to help the student develop his ability to speak and write the language.

GERMAN

1-2. GERMAN I.

Beginner's Course *Both Semesters* *4 hours*

This course gives a thorough drill in grammar and pronunciation. It includes dictation, the memorizing of short German poems, and the reading of easy texts.

3-4. GERMAN II.

Prerequisite 1-2 *Both Semesters* *4 hours*

This course includes the reading of a number of stories and plays in class, with composition and review of grammar based upon texts read, and some three hundred pages of supplementary reading.

5-6. GERMAN III.

Prerequisite 4 *Both Semesters* *3 hours*

This is a course in modern writers and will be offered upon sufficient demand.

7-8. GERMAN IV.

Prerequisite 4 *Both Semesters* *3 hours*

This course is a study of the works of Schiller and Goethe and will be offered only upon demand.

9. SCIENTIFIC GERMAN.

Prerequisite 3 *Second Semester* *3 hours*

This is a course for students desiring to acquire a reading knowledge of German scientific works.

Department of Philosophy

PROFESSOR McCREARY

11. HISTORY OF PHILOSOPHY.

First Semester *3 hours*

Junior or Senior. Prerequisite, Psychology 1.

The course of Philosophic thought is traced from the time of the early Greek thinkers down to the close of the scholastic period, special emphasis being given to the beginning of phychology, ethics, natural science, and other disciplines of modern importance.

12. HISTORY OF PHILOSOPHY.

Second Semester *3 hours*

Junior or Senior. Prerequisite, Psychology 1, and Philosophy 11 advised.

Continuing Course 11, the theories of Modern Philosophers from Bacon and Des Cartes to the present are given as full treatment as time will permit. Particular attention is given to present day trends.

13. POLITICAL PHILOSOPHY.

For information regarding this course see *Political Science.*

14. PRINCIPLES OF AESTHETICS.

Second Semester *2 hours*

Junior or Senior. Prerequisite, Psychology 1.

In this course the general principles of aesthetic theory and their embodiment in particular forms are studied. A limited amount of practical illustrative material is required of each member of the class.

15. LOGIC, DEDUCTIVE AND INDUCTIVE.

First Semester *2 hours*

Prerequisite, Psychology 1.

The usual forms of reasoning and their applications are examined employing a modern treatment with emphasis on the practical.

16. ETHICS.

First Semester *3 hours*

Junior or Senior. Prerequisite, Psychology 1.

The demands of the moral life as ideal seeking and as practical goodness in their historic forms are compared and evaluated. The full conception of duty is reached by a synthesis of competing programs, with particular recognition of Christian factors both as to their past importance and lasting significance. Many concrete problems are studied and written exercises illustrating all types of moral predicament are required.

17. EPISTEMOLOGY AND METAPHYSICS.

Second Semester *3 hours*

Junior or Senior. Prerequisite, Psychology 1. Philosophy 15 advised.

By selected readings and lectures constructive theories of thought and reality are reached. The establishment of scientific knowledge and of religious faith upon a sure basis is frankly attempted.

18. PHILOSOPHY OF RELIGION.

First Semester *2 hours*

Junior or Senior. Prerequisite, Psychology 1. Philosophy 15 or 17 advised.

The truth and value elements in all religion are inspected, reaching the conclusion of validity and worth, particularly with reference to both historic and dynamic Christianity.

19. CHRISTIAN THEISM.

Second Semester *2 hours*

Junior or Senior. Prerequisite, Psychology 1. Philosophy 18 advised.

This course presents the postulates of the world view of Christian theism concerning the nature of God and man, and the problems of evil and redemption from it, of progress and the future.

10. EVIDENCES OF CHRISTIANITY.

First Semester *2 hours*

Junior or Senior. Prerequisite, Psychology 1, with 18 and 19 above advised.

After reviewing the main points of Theism, and defining the issues involved, Christianity's demonstration of truth and value is set forth in the realms of Biblical, Historical, and Christological evidence, and in world progress. The method used combines lectures with readings and reports.

20. PHILOSOPHY SEMINAR.

Second Semester *1 hour*

For Seniors majoring in Philosophy. Individual investigation of assigned topics. This course incorporates the thesis requirement.

Department of Physical Education

FOR MEN

DIRECTOR, MR. HENDERSON

The purpose of this department is to build up a sound, healthy body at the same time the intellect is being developed.

The care and development of the body is so essential to the success of the student after he has finished his education, that a habit of physical exercise is cultivated by requiring all Freshmen and Sophomores to enroll in this department. Four credit hours are entered on the Registrar's books for the two years work, but may not be counted toward a degree. Arrangements are to be made so that every student thus enrolled shall have a physical examination by a competent physician. Statistical cards with record of measurements are to be filed for each student so that progress of development may be noted. The following courses are offered:

Freshman Year

1. *Men.*

Free hand exercise, dumb bells, parallel bars; games such as basketball, volley ball, and hand ball.

2. *Men.*

Indian clubs, tumbling; games such as hand ball, basketball, and volley ball.

Sophomore Year

3. *Men.*

Parallel bar, tumbling pyramids; games such as football, basketball and hand ball.

4. *Men.*

Gymnastics, tumbling, side horse, springboard and mat. Outdoor exercises, track athletics, baseball.

Department of Physical Education

FOR WOMEN

DIRECTOR, MISS HOSICK

The motto of this department is "Health and Happiness," based upon the belief that health leads to happiness and exercise to health. The aim is to secure a symmetrical development of the body; to give such exercises as will promote bodily vigor and vitality; and at the same time give freedom from awkwardness and self-consciousness, thus securing poise, ease and precision of movement.

Two hours per week are required of all Freshmen and Sophomores. Four credit hours are entered on the Registrar's books for the two years work, but may not be counted toward a degree.

At the close of the year, students distinguishing themselves in this work are made "Student Aids." This gives them practical training in leadership, teaching, and organization.

Freshman Year

Marching tactics, active and singing games, and folk dancing.

Each student is required to keep a note book containing a description of the work. These note books are graded and corrected at least once a semester.

A special class for normal students, in which instruction is given in exercise, games, and dances, suitable for the school room and playground.

Sophomore Year

Marching, rythmic exercises, folk dancing, and basketball.

Junior and Senior Years

Advanced folk dancing, clogging, and interpretative dancing.

Instruction is given in tennis, soccer, and swimming during the open season.

Department of Physics

PROFESSOR PORTER

1a-2a. GENERAL PHYSICS.

No Prerequisite. First and Second Semesters. 5 hours each Semester.

This is a course in General Physics of College Grade modified to suit the needs of those who have no entrance credits in High School Physics. The work is the same as that of Physics 1-2, except that an additional laboratory period is required, which at the discretion of the instructor may occasionally be used for demonstration, recitations, or quizzes.

1-2. GENERAL PHYSICS.

Prerequisite, High School Physics and High School Mathematics. First and Second Semesters, 4 hours each Semester.

This is the usual course in General College Physics. During the first semester the topics treated are Mechanics, Heat, and Magnetism; during the second semester, Electricity, Sound, and Light. Three class hours and one laboratory period per week.

5-6. HOUSEHOLD PHYSICS.

First Semester, or Both Semesters. 3 hours each Semester.

A descriptive and practical course in Physics as applied to the home and in daily life. Mathematics is reduced to a minimum. The end in view is the creation of a practical attitude of mind toward the mechanical and electrical appliances of the home, which will enable the student to understand their operation and correct their failures. Two class hours and one laboratory period per week.

This course is designed primarily for students who are working for the degree of Bachelor of Science in the Department of Home Economics. It may not be substituted for courses 1-2 or 3-4 by those who are working for the degree of Bachelor of Science in another department, but any other student may be admitted to the course and receive credit.

13-14. ADVANCED PHYSICS: MECHANICS, ELECTRICITY AND MAGNETISM.

Prerequisites, Physics 1a-2a, or 1-2. First and Second Semesters, 3 hours each Semester.

This is a course of second year college grade. During the first semester will be taken up special topics in Mechanics of Solids and Fluids, such as moment of inertia, centrifugal force,

coefficient of restitution, coefficient of rigidity, elasticity, viscosity, etc. These topics are treated more extensively than is possible in a general course such as Physics 1-2.

In the second semester the work will consist of a detailed study of magnetic fields, measurements of resistance, current, electro-motive force, capacity, inductance, dielectric constants, etc.

The work will consist of two class hours and one laboratory period per week. Students should register for both semesters if possible, as certain parts of the work of the second semester depend largely on an understanding of the work taken up in the first semester.

16. RADIO COMMUNICATION.

Prerequisite, Physics 1a-2a, or 1-2. Second Semester, 2 hours

This is a short course in the theory and practice of wireless communication. Among topics considered are the laws of oscillatory circuits, spark telegraphy, theory, construction, and use of vacuum tubes, continuous wave telegraphy, radio telephony, construction and uses of various radio instruments, etc.

The work as now proposed will consist of two class hours per week. A laboratory course may be offered to accompany the class work, for which one credit hour will be given.

35. HISTORY OF SCIENCE.

Both Semesters. 1 hour each Semester

A course of lectures given by the heads of the departments of Agriculture, Chemistry, Biology, Geology, Home Economics, Physics, and Mathematics on the historical development of science in which especial attention will be devoted to the men who have made eminent contributions in their respective fields. The object of the course is to give the students a wider acquaintance with the great men of science.

Department of Physiology

PROFESSOR E. F. HUNTER

1-2. HUMAN PHYSIOLOGY.

Both Semesters 3 hours

This is a study of the anatomy and physiology of the human body. The course consists of two lecture hours per week and two hours of laboratory work designed to give the student a general knowledge of the important anatomical systems of the body, together with their function.

13-14. HYGIENE.

Both Semesters *1 hour*

This course consists of one lecture hour per week. It is a study of the various contagious diseases, and general hygienic problems of everyday life.

Department of Politics, Government, and Sociology

PROFESSOR ARTHUR S. WHITE

The work of this department is arranged with the following purposes in view:

First, to so correlate its work with the work of other departments that the student may gain the broadest possible insight into the important movements of the past, especially the development of the institutional life of the most progressive modern nations, and the ideas and forces which have controlled this development, in order that he may the better understand and interpret the great political, economic and social movements of today.

Second, to furnish the information necessary to open the students' minds to the possibility of questioning the fundamentals of current thinking, and to stimulate such a critical and independent attitude of mind as will lead to the development of a broad, intelligent and sympathetic citizenship.

Third, to supply a basis of preliminary training for those who contemplate entering social service, teaching, the ministry, law, journalism, diplomacy, business, or any other branch of public service.

Students who select Political Science as their major subject are advised in general to take a minor in History, Economics, or Sociology.

1-2. AMERICAN GOVERNMENT AND POLITICS.

Sophomores, Juniors, Seniors. Both Semesters. *3 hours*

This course is designed to give not only an accurate knowledge of the structure of the government, but also a clear understanding of the government in operation. A study is made of the national, state and local government in the United States. The first semester is devoted primarily to the study of the Federal government, the second semester to state, local and municipal government. In the latter part of the second semester special consideration will be given to party practices and practical politics. This

is a basic course and serves as a prerequisite to most of the succeeding courses. Text: Beard, "American Government and Politics" and "Readings in American Government and Politics."

3. INTERNATIONAL LAW.

Prerequisite, 1-2 or 6-7. *Second Semester* *3 hours*

An introduction to the general principles of international law. Emphasis will be laid on the development of arbitration and the problems arising out of the recent World War. International incidents will be assigned for investigation and report.

4. GOVERNMENT OF AMERICAN CITIES.

Prerequisite, 1-2 advised. *First Semester* *2 hours*

A study of the organization and administration of city government in the United States. Comparison will be made with the governments of European cities. Emphasis will be laid on modern municipal problems. Each student will be expected to investigate a special municipal problem.

5. AMERICAN CONSTITUTIONAL LAW.

Prerequisite, 1-2. *First Semester* *3 hours*

This course is designed for the student of government, rather than for the lawyer. The aim is to acquaint the student with evolution of the Federal Constitution and Constitutional Law through a study of the principles of interpretation employed by the courts in rendering their decisions in the leading cases, and to give the student a practical knowledge of Constitutional Law as it is today. Familiarity with American Political History is important for those who elect this course. A text will be followed, and leading cases will be assigned for study and discussion.

6-7. MODERN GOVERNMENTS AND POLITICS.

Juniors and Seniors. *Both Semesters* *2 hours*

This course is designed to give the student an intelligent basis for interpreting the political and social movements in the leading States of the world, and the problem of government in face of these movements. The first part of the course deals with the fundamental "problem of government as a problem." The second part of the course deals with the methods of meeting this problem as seen in the spirit, form and structure of governments of typical modern States. The functioning of political parties, and various current demands for reform are analyzed and discussed. A text will be used with lectures, assigned readings and reports. Not given 1921-22.

8. AMERICAN FOREIGN RELATIONS AND WORLD POLICIES.

Juniors, Seniors. *First Semester* *3 hours*

This course is a study of American diplomacy from the period of the Revolution to the present time. It gives special attention to the peculiar contribution of the United States to international politics. Such policies as the Monroe Doctrine, the policy of the "open door," or "non entangling alliances" are given careful consideration in relation to the policies of the World War, the League of Nations and the Peace Settlement.

Familiarity with American Political History is important for those who elect this course. Text, assigned readings, and reports. Not given 1921-'22.

9. POLITICAL PHILOSOPHY AND POLITICAL THEORIES.

Juniors-Seniors. *Second Semester* *3 hours*

This course undertakes a study of the spiritual and material forces which have found their expression in the contributions of the leading political philosophers from the Greek School to the present time. The aim is to give the student a perspective view of the march and struggle of the ideas that are influential in moulding our present conception of the true function of Government. The influence of Christian ideals is given special consideration. Toward the end of the course, an analysis of the various schools of Socialism and Anarchism will be made. See Philosophy (13). Lectures, assigned readings, and reports. Not given 1921-'22.

10. ELEMENTS OF POLITICAL SCIENCE.

Sophomores, Juniors, Seniors. *Second Semester.* *2 hours*

This course gives the student an introduction to the general field of the Political Science. It treats such subjects as the origin and nature of the State, the form of the State, the relation of states to one another, the liberty of the individual, the form and structure of Government, and the province of Government. Individualism and Socialism are given attention in connection with some modern theories of the State. A text will be used, with assigned readings and reports.

11. CONTEMPORARY POLITICAL AND SOCIAL PROBLEMS.

Open Course *First Semester* *1 hour*

The aim of this course is to create in the student a vital interest in current political, social, and economic problems. Students are encouraged to read magazines of various shades of opinion. The class is an "open forum." Each student is required to subscribe for a standard magazine of his own selection. Lectures, reports, and free discussion.

12. CONTEMPORARY POLITICAL AND SOCIAL PROBLEMS.

Open Course *Second Semester* *1 hour*

This is a continuation of Course 11. Election in Contemporary Political and Social Problems is limited to two hours of credit, except by special permission from the head of the department.

SOCIOLOGY

1. INTRODUCTION TO THE STUDY OF SOCIETY.

This course is primarily a study of social evolution. The origin and development of social institutions and their effect on the whole social life are considered. Special attention is given to the development of social ideals, the means of social control and the organic unity of society. A text will be used, and special readings assigned.

2. SOCIAL PATHOLOGY.

Prerequisite 1 *Second Semester* *3 hours*

This course is a continuation of Course 1. It gives especial attention to the problems of poverty, crime, degeneracy, defectives, the sex problem, and the theories as to their cause and plans of remedy. A text will be used with assigned readings and reports. A paper will be required.

3. PRACTICAL SOCIOLOGY.

Sophomores *First Semester* *3 hours*

This course aims to give the student a knowledge of the social problems that confront our national life through a study of a cross-section of society as it exists today in the United States. The course deals with some characteristics of social life in general, the life in the family group, the social life in the rural community, social life in the city and social life in the nation. This is a practical course for the individual who wishes to function as

a community leader. This course is designed especially for students in the Normal Department. A text will be used, with assigned readings and reports. Not given 1921-22.

4. IMMIGRATION.

Prerequisite, 1 or 3 *Second Semester* *3 hours*

This course is a survey of the foreign population that has come to America during the last century, and a consideration of the perils presented, in the failure of the "melting pot." The various programs for assimilation are given careful attention. A text is used with assigned readings and reports. Not given 1921-1922.

5. THE RURAL COMMUNITY.

Prerequisite, 1 or 3 *First Semester* *2 hours*

A study of the physical, economic and social conditions of life in the rural community. Agencies that will make the rural life more attractive are considered. Such subjects as the rural church, rural education, and the rural community center are given special attention. A text will be used with assigned readings and reports. Not given 1921-'22.

6. POLITICAL SCIENCE AND SOCIOLOGY SEMINAR.

By Permission *First Semester* *3 hours*

All students majoring in this department are required to take this course. It includes the one credit hour allowed for senior thesis.

7. POLITICAL SCIENCE AND SOCIOLOGY SEMINAR.

By permission *Second Semester* *3 hours*

A continuation of Course 6.

8. SOCIAL PRINCIPLES OF EDUCATION.

Second Semester *3 hours*

For description of this course see Education 8.

9. LABOR PROBLEMS.

Prerequisite, 1-2 or Economics 1-2. *Second Semester.* *3 hours*

The labor problem is treated as a development in the evolution of society growing out of modern economic conditions. Association, organization, and co-operation, as seen in trade unionism is given careful consideration. The social effects of the wage system, the sweat shop, hours of labor and of leisure are discussed. A text will be used with lectures, and a large amount of assigned readings. Not given 1921-'22.

Department of Psychology

PROFESSOR J. J. SMITH

ASSISTANT PROFESSOR (to be appointed)

The courses in the Department of Psychology aim to develop on the part of the pupil: (1) a clear understanding of psychological terms, facts and principles; (2) a comprehension of the relationships of psychology to its basic sciences—biology, physiology, neurology, etc.—and to the sciences to which it is basic—education, ethics and the social sciences; (3) a realization of the varied ways in which psychological facts and principles may be applied to character building and to the practical activities of life.

1. GENERAL PSYCHOLOGY.

For Sophomores—Not open to Freshmen. First Semester, 3 hours

This is the introductory course and attempts to develop an understanding of the cognitive, effective, conative and unitary aspects of consciousness. The relationship is traced between the physical, neural and psychic with stress upon a clear comprehension of the terms involved.

2. SOCIAL PSYCHOLOGY.

Prerequisite, 1. *First Semester* *2 hours*

This course emphasizes the factors of human consciousness which have a bearing on social relationships. Considerable stress is placed upon innate tendencies which include instincts, impulses, emotions and the perceptions associated with them; emotions are classified and their tendency to form combinations and systems noted. Reports from outside readings are discussed.

3. INTRODUCTORY EDUCATIONAL PSYCHOLOGY.

Freshman Course. *First Semester* *3 hours*

An introductory study is made of the principles of General Psychology as they relate to the laws of learning and of teaching; special application is made to the branches of study commonly taught in the grades.

4. EDUCATIONAL PSYCHOLOGY.

Prerequisite, Psychology 1. *Second Semester* *3 hours*

This course stresses human innate tendencies, the psychology of learning and individual differences and traces their application to the work of the teacher. As far as possible the principles involved are given vital application to present conditions and actual school-room procedure.

5. PSYCHOLOGY OF EXPRESSION.

Second Semester *2 hours*

Junior. Prerequisites, Phychology 1, Oratory 1-2.

For description of this course see Oratory 14.

6. GENETIC PSYCHOLOGY.

Prerequisite, Psychology 1. *Second Semester* *3 hours*

The genetic applications of psychology are traced as they apply to the entire range of animal life and to the developing human being. This course is more liberal in scope than the course in Educational Psychology and is planned to follow the first semester course in General Psychology.

7. PSYCHOLOGY OF CHARACTER.

Prerequisite, Psychology 1. *Second Semester* *2 hours*

This course lays its chief stress upon a consideration of the unitary aspect of consciousness. Moral character is analyzed into its elements which are considered both separately and in their functional relationships. An attempt is made to determine the causes influencing the development of moral character and to give all principles developed a very vital application.

8. EXPERIMENTAL PSYCHOLOGY.

Prerequisite, Psychology 1. *Second Semester* *2 hours*

Two laboratory (two hour) periods are given to psychological experimentation. The experiments illustrate many of the principles developed in General Psychology. Considerable individual choice is permitted the student (two students work together for the most part) as to what experiments are covered.

9. ETHICS.

Prerequisite, Psychology 1. *First Semester* *3 hours*

For description of this course see Philosophy 16.

Department of Public Speaking and School of Oratory

PROFESSOR CHARLES RUSH LAYTON, Dean
ASSOCIATE PROFESSOR FERNE PARSONS LAYTON
INSTRUCTOR, MR. JACKSON

The School of Oratory has in view two activities, Public Speaking and Reading. Our first object is to stimulate clear and orderly thinking, cultivate the imagination, and develop the emo-

tional nature. Our further aim is to enable the student properly and effectively to express his thought and emotion through the medium of the voice and body.

The inductive method of instruction is followed largely, making practice precede theory. Students are not taught to imitate, but to be themselves at their best. Naturalness, ease, complete mastery of the subject, conversational manner in delivery, well managed voice and gesture, putting the subject ahead and the speaker behind—these are the things that make up a good speech or a good interpretation of literature, and these are the things that we emphasize in our courses.

NOTE—All of the courses in this department are elective but no one can enter any of the higher courses without having had courses 1-2. In exceptional cases, by special permission, a student pursuing Courses 1-2 may be admitted to some of the advanced courses.

1. PUBLIC SPEAKING.

Fundamental Course *First Semester* *3 hours*

Introduction to speaking and reading. The purpose of this course is to help the student "find himself" as a speaker in private and in public. To think, to feel, to speak and interpret, are essentials of the work. The classes are conducted to meet the needs of the average college student and not the "elocutionary expert." Principles underlying expression in speech are reached inductively as well as deductively. Along with the class-room instruction, the student works over a number of practical exercises in analysis and in delivery; and thus is led to discover the laws necessary to self-criticism. Special instruction and drill will be given in breathing, voice, gesture and action as means of expressing thought and mood. This course is a prerequisite for all other courses in the department. It is suggested that those who are particularly interested in public speaking take this course in the Freshman year. It should be followed by Course 2, the second semester of the same year.

2. PUBLIC SPEAKING.

Prerequisite, 1 *Second Semester* *3 hours*

Continuation of Course 1. The work begun in the first semester will be continued and developed. The emphasis will be placed on original thinking and self-expression. The student will be introduced to the argumentation and extemporaneous speak-

ing in principles and practice. Briefing and other vital principles of debating and speaking are given definite attention. Each student will participate in formal debates and extempore speeches before the class. Incidentally, this course lays the foundation for more intensive work of advanced studies in Public Speaking; but primarily, it aims to develop the ability to think and talk well. Those who expect to try out for debating or oratorical contests should take this course in the Freshman year.

3. INTERPRETATIVE READING.

Prerequisite, 1-2 *First Semester* *2 hours*

Oral interpretation of masterpieces of literature. This involves a study for appreciation, and an analysis for the thought and emotional meaning. This done, the problem is to convey the interpretation to others. Vocal culture and drill in Action. General culture, artistic reading, public entertainment and greater appreciation of English literature are aims of the course.

4. ADVANCED INTERPRETATIVE READING.

Prerequisite, 3 *Second Semester* *2 hours*

Continuation of Course 3. Principles of analysis and interpretation are given careful attention. More difficult work is attempted than in the previous course.

5. EXTEMPORE PUBLIC ADDRESS.

Prerequisite, 1-2 *First Semester* *2 hours*

Addresses for all occasions prepared and delivered extempore. This is a practical course and deals particularly with the kind of speaking that one is most frequently called upon to use. Gathering and compiling speech material and brief drawing are important factors in the work. A forceful and effective delivery such as appeals to the modern audience is promoted by persistent practice. Lecture and class methods used.

6. ORATORY AND ORATORS—SURVEY.

Prerequisite, 1-2 *First Semester* *3 hours*

Study of the lives of great orators, their methods, and orations. Preparation and delivery of speeches on above material. Lectures, recitations, reports on collateral reading, and programs. A survey of oratory from the standpoint of history, literature, and practical speaking.

7. ORATORY AND ORATORS—RHETORIC.

Prerequisite, 1-2 *Second Semester* *3 hours*

Study of the rhetoric of oratory. Preparation and delivery of original orations and addresses. The elements of conviction

and persuasion are given special attention. Masterpieces of oratory are studied. One of the chief aims is original composition.

Students are not eligible to intercollegiate oratory unless they have taken or are taking this course.

8-9. ARGUMENTATION AND DEBATE.

Prerequisite, 1-2 *Both Semesters* *2 hours*

Thought and Composition, and Delivery. Intensive study and application of the principles of argumentation. The logical process of analysis and discrimination, evidence, proof, inductive and deductive argument, fallacies, refutation, etc., are given through consideration. Each student participates in regular debates in which the thing sought after is clear and forceful presentation of well though out argument.

35-36. THE ACTING DRAMA.

Prerequisite, 1-2 *Both Semesters* *2 hours*

Study of some of the best drama, the greatest dramatists, and the outstanding actors. A survey of the high points in the history of drama and acting is attempted. This culminates in a careful study of modern drama.. It is advised that this course precede or accompany Courses 10 and 11 in Play Production.

10. JUNIOR PLAY PRODUCTION.

Prerequisite, 1-2. Open only to Juniors. Second Semester, 2 hrs.

Acting possibilities of various plays are studied. Problems of play production are considered. Plays are read, reviewed, and interpreted. At least one play is presented to the public in costume. Literary values and the artistic expression of dramatic thought and emotion are aims of the course.

11. SENIOR PLAY PRODUCTION.

Prerequisites 1-2. Open only to Seniors. First Semester, 2 hours

Same as above, but for more advanced students. Those who expect to coach high school or college theatricals should take courses in play production.

12. a. b. c. DEBATING SEMINAR.

For debating teams only *First Semester* *2 hours*

Open only to those who make the intercollegiate debating teams. The work consists of applying the principles of argumentation to important present-day questions. There is intensive work on one or two questions, selected for the inter-collegiate debates. Lectures and round tables, assignments and reports,

briefs, arguments and speeches. Debates between teams leading up to intercollegiate contests. Since new questions are studied each year, students may repeat this seminar and receive additional credit.

13. a. b. c. DEBATING SEMINAR.

Prerequisite, 12 *Second Semester* *2 hours*

Continuation of Course 12. Same methods pursued. Special study made of the result of the intercollegiate debates in order fully to assimilate the work of the first semester. Study and examination of various questions as possibilities for the next year's contest. Seminaries 12 and 13 require very much more time than average courses. No one should enter them who is not prepared to meet the requirement.

14. PSYCHOLOGY OF EXPRESSION.

Prerequisites, 1-2, Psychology 1. *Second Semester* *2 hours*

A study is made of vocal and actional expression from the standpoint of underlying philosophical principles. The how and why of elocution are studied not only to extend the knowledge and experience of the student; but also to stimulate his imagination and develop his personality. Collateral reading is required. Students who expect to specialize in this department, or who wish to prepare for teaching oratory, are advised to take this course in connection with other advanced courses. Offered alternating years.

15. SHAKESPEAREAN READING.

Prerequisite, 1-2 *Second Semester* *2 hours*

Interpretation, Impersonation and Dramatic Technique. Thorough analysis, study of character, plot and incident of at least two standard plays, together with a careful expressional reading of the plays and memoriter rendition of the principal scenes. At least two additional plays will be read and studied outside of the class. Offered alternating years.

16. ADVANCED ORATORY.

Prerequisite, 7. *First and Second Semesters.* *1 or 2 hours*

Continuation of Course 7. Open only to intercollegiate orators.

17-18. THE TEACHING OF PUBLIC SPEAKING AND ORAL ENGLISH.

By Permission *Both Semesters* *1 hour*

A course in the methods of teaching public speaking and oral English, especially adapted to meet the growing interest in

these subjects in high school work. For the working principles of this course, and a statement of additional prerequisites and requirements, see Education 11. Education 12 must accompany this course. The combined credit of the two courses for the year is 5 hours.

19. ADVANCED PUBLIC SPEAKING.

By Permission *Second Semester* *2 to 3 hours*

Preparation and delivery of one extended address or lecture. Detailed survey of Webster-Hayne, Lincoln-Douglass, and Beveridge-Hoar debates. Reproduction of famous platform addresses and lectures. Review of history of oratory. Study of the qualities of an effective speech. Lectures, reports, and discussions.

Open only to students who have shown ability in speaking and reading, and who receive permission. Not offered 1922-'23.

20. ORATORY SEMINAR.

By Permission. *First and Second Semesters.* *2 hours*

Open only to advanced students who receive permission. An intensive study is made of some phase of oratory. Research in writings on the subject of oratory, or in the field of oratorical literature, or in the biography and method of a few great orators are among the possibilities. New light on the subject of oratory is the aim of the seminar. A thesis is required.

30. LITERARY ANALYSIS AND INTERPRETATION. (Private Work).

By Arrangement. *Either Semester* *Discretionary*

Advanced studies in analysis and oral interpretation of literature. This course will be adapted to the individual needs of the student. A definite schedule and course of study is pursued leading to definite ends. An hour of recitation in this course requires about three times as much preparation as an hour in an average class course. A given amount of work, satisfactorily covered, is required for credit in private lessons. Credit is given at the discretion of the instructor. Students measuring up to the requirements will receive 1 hour semester credit for eight private lessons of one hour each. In order to receive credit, however, the work should be pursued consecutively, with at least one lesson per week throughout a semester. Exception may be made to this ruling in unusual cases. A written examination is given at the end of each semester.

Semester credit for 16 one-hour lessons, 2 hours. For 32 one-hour lessons, 4 hours, etc.

At least 6 hours of credit in private work are required for graduation in oratory. For the average student 8 hours may be required. A part of the work of this course is the preparation of public programs and a graduation recital. If an ambitious work is undertaken, additional private lessons will likely be necessary.

Tuition for Private Lessons

Two one-hour lessons per week, per semester	$35.00
One one-hour lesson per week, per semester	20.00
Single one-hour lesson	1.50

GRADUATION.

A "Diploma in Oratory" is granted to those who fulfill the requirements of the Department for graduation from the School of Expression. At least thirty-six hours of Oratory work are required, of which six must be taken in Course 30. The remainder will be determined in conference of student and department head.

The diploma course also requires each student to prepare two full programs for public recital and graduation recital. The graduation recital may consist of selected readings, or an original adaption of one standard work of fiction, or a lecture—recital of a standard play (preferably Shakespearean) or an extended address.

Each candidate for graduation is required to submit to the Faculty, one month before the date set for the Commencement, an original thesis of not less than 3,000 words on a theme relevant to the work of the department and approved by the professor in charge. When accepted, a typewritten or printed copy must be left with the head of the department.

No student will be granted a diploma from this department who has not a bachelor's degree or its equivalent.

Classes in Art

MISS GRAY

The training of the eye and of the hand is an important part of a finished education, and should not be neglected. That knowledge of form and color which should be developed in all students may best be attained through a course in Drawing and Painting. For the accomplishment of these ends, the School of Art offers the following courses:

1. FREE-HAND DRAWING.

The work in Drawing embraces Pencil, India Ink, Crayon, Charcoal, and all Black and White Work. The work is given in two years.

First Year—Drawing in outline from objects, nature and sometimes from the flat copy, from casts, and from still life.

Second Year—Study in charcoal from life, color study from still life, and nature.

2. PAINTING.

The course in Painting includes landscape, fruit and flowers in oil, pastel, and water-colors, and also includes china-painting in conventional and naturalistic designs.

Tuition per Semester

Painting, 12 hours a week	$15.00
Painting, 6 hours a week	8.00
Free-Hand Drawing, 3 lessons a week	5.00

SUMMER SCHOOL

Purpose of the School

Muskingum College recognizing the need of those who are unable to attend college through the year or who wish to hasten the completion of their course has maintained, for many years, a well organized Summer School.

The Normal Courses

The Muskingum Summer School is on the recognized list of the State Superintendent of Public Instruction, whose specific requirements will be met.

The Normal work of the Summer School is designed to meet the needs of those who are teaching or contemplating teaching and who desire a thorough drill in the Common Branches and methods of teaching them. It is also the aim of the college to make this work of such standard as to be credited a part of the regular Normal training courses. The work is presented in such a way as to give a thorough drill in the subject matter. At the same time present methods of teaching receive strong emphasis. Subjects in Education and School Administration and School Methods form a prominent part of the work.

High School and Academy Subjects

Courses are offered in the following subjects: Algebra, Geometry, Arithmetic, Latin, German, French, History—American and European—American and English Literature, Rhetoric, and Physics. In several of these subjects the needed courses will be organized. It is the aim to satisfy the needs of all. Courses will be adjusted to the demand.

College Subjects

Many teachers desire to complete their educational requirement for a state life certificate. Others wish to complete their work for a degree. The Muskingum College Summer School offers a splendid opportunity to do such advanced work. In the eight weeks, nine hours of college credit can be secured. Such courses as the following are official: High School Methods, School Organization and Law, History of Education, Principles of Education, Psychology, History of Elementary Education, Economics, Political Science, Sociology, Chemistry, Latin, French,

German, Biology, English Composition, Survey of English Literature, Public Speaking, etc. A full description of these courses will be found elsewhere in this catalogue. High school teachers who have not yet secured their degree are particularly urged to make use of this opportunity. Never has there been a time when there was such a demand for the college graduate, not only in the teaching profession, but in all others. We invite correspondence with reference to any college subjects desired during the summer term. Efforts will be made to satisfy the needs of all.

The Conservatory of Music

The regular work along this line will be offered during the Summer School. This work consists of regular private lessons in piano, voice, pipe organ, violin. In addition, classes will be organized in harmony, musical history, public school music and chorus.

Occasionally there will be student recitals, open to the public. Term recitals, orchestra, song and piano recitals by the teachers, etc.

CONSERVATORY OF MUSIC

J. KNOX MONTGOMERY, D. D., President

EZRA H. F. WEIS, Mus. G., Mus. Bac.

Director of the Conservatory

Voice, Harmony, Analysis, Accompanying, Composition, Chorus.

MILO H. NEUENSCHWANDER, A. B., Mus. B.

Organ, Piano, Counterpoint, Ear-training, History of Music.

WILLIAM WISHART GRAY

Violin and Orchestra

ESTELLA McCARTNEY

Pianoforte, Kindergarten

TREASURE TOMLINSON JOHNSTON

Pianoforte

EDYTHE M. LOGAN

Pianoforte

PURLE FRANCES LANTZ

Public School Music

Aims

The aim of the Muskingum College Conservatory of Music is to foster a love for good music, to give its students the advantage of the best professional training, to form habits of industry and perserverance and love for the exact truth; and in these and other ways to exert a beneficial influence upon her students and the entire section from which they come.

Music requires much special study; and the full, and well trained mind must be brought to bear upon the interpretation of master works both ancient and modern. In order to do this a thorough knowledge of the theoretical side of music is necessary as well as extended technical training.

The Conservatory of Music is an integral part of the College, the social and intellectual life of which the students enjoy.

Plans of Instruction

The general plan of instruction is similar to that of the best European and American conservatories. Complete courses are offered in Pianoforte, Pipe Organ, Voice, Violin, Harmony, Counterpoint, Canon Fugue, Analysis, Composition and History of Music. Courses are also offered in Chorus Singing and ensemble.

Students are free to enroll in special courses or for a prescribed course leading to a diploma of graduation which is granted by the Trustees of the College. The prescribed course includes all the courses in Theory (Music Science hereinafter described) and special courses in two subjects one of which must be Piano and the other Singing, Violin or Organ.

Not only in class work, but in public recitals, candidates must show a high degree of proficiency in one of the subjects chosen and a fundamental knowledge of the other. In this minor subject, at least two years' work will be required.

To graduate, a student must maintain an average of 70 per cent or above in each course taken.

Students not taking the course leading to a diploma are permitted to enter the conservatory at any time and pursue such studies as they may desire. When such a student leaves the institution a certificate will be given showing the amount of work done, provided that not less than one semester's work has been satisfactorily completed.

Regulations

All conservatory students are subject to the regulations of the College, which are few and simple, appealing to the student's self-respect and personal responsibility. Students not amenable to this mode of discipline are not permitted to remain in the institution.

All matters of business connected with the Conservatory must be transacted at the Conservatory office. The Director may be consulted there at stated periods each day.

Students may begin at any time, but will not be enrolled for a shorter period than the end of that semester in which they register.

Tuition must invariably be paid in advance to the College Treasurer, and no deduction will be made for absence from lessons, except in the case of prolonged illness of not less than two weeks' duration, when the loss will be shared equally with the student.

Students entering after the opening of the semester will be charged pro rata except that no allowance will be made for absence from the first week of any semester. Also, no rebate will be made to students for the last week of the school year. Lessons occuring on holidays will not be given.

In case of expulsion from the Conservatory no money will be refunded or certificate of credit be allowed.

Pupils are required to attend their lessons regularly at the appointed hour. Attendance at lectures, recitals, concerts, etc., is considered a part of school duties. All students in the Conservatory are required to attend Choral Society, unless excused by the Director.

All college students should consult with the Director as advisor in their courses of study for each semester.

Students are not permitted to take part in public musical performances outside the Conservatory without the permission of the Director. This does not include the regular meetings of the Literary Societies.

Unsatisfactory work, bad conduct, or unpaid bills may subject a student to dismissal at the discretion of the Faculty.

Classification and Credits

Candidates for a diploma must present credits of a course of literary study, equivalent to that of the college entrance requirements, as set forth in the Muskingum College Catalogue. Exception can only be made to this rule by a vote of the Faculty when students have more than the required music credit.

Hour for hour credits to the number of ten will be given in the College for theoretical work done in the Conservatory where two lessons or more per week are taken.

Students not having completed high school may in addition to their musical subjects make up sufficient credit in the Academy for college entrance.

Four years of the course outlined below, together with the required theory is required for graduation, but this must not be understood to mean that graduation invariably follows four years'

work, nor does it mean that a student is dull or lacking in talent if more time is required to complete the course. Musical talent shows itself in such various ways and under such different form that it is impossible to predict the exact length of time required to graduate.

Courses Offered

DIPLOMA COURSE

Majoring in Applied Music

Major subject may be Piano, Organ, Voice, Violin, or other orchestral instrument. Recital required.

DIPLOMA COURSE

Majoring in Normal Methods

Piano, Organ, Voice or Violin may be taken as a Major subject in applied music, but candidates are required to take, preferably in the Junior Year, the course in Psychology as related to the teaching of music and the course in Normal Methods which includes practice teaching.

PUBLIC SCHOOL MUSIC COURSE

Majoring in Public School Music Methods

Piano and Voice required as outlined on a later page, leading to a Supervisor's Certificate.

DEGREE COURSE

Leading to the Degree of Bachelor of Music

Candidates may major in Applied Music or in the Science (Theory) of Music. Thirty hours of credit are required in the College of Liberal Arts in addition to the requirement in music.

Diploma Courses

Four years of the course outlined below, together with the required theory is required for graduation, but this must not be understood to mean that graduation invariably follows four years' work, nor does it mean that student is dull or lacking in talent if

more time is required to complete the course. Musical talent shows itself in such various ways and under such different form that it is impossible to predict the exact length of time required to graduate.

The following is a general outline:

First Year	Year credits
Sight-singing (1-2)	2
Dictation and Ear-training (3-4)	4
Harmony (5-6)	6
History of Music (11-12)	4
Private Lessons (3 hours daily practise)	12
College Subject	6
Physical Training	

Second Year	
Chorus	2
Harmony (7-8)	4
Form and Analysis (9-10)	4
History of Music (11a-12a)	4
Private Lessons (3 hours daily practise)	12
College Subject	6
Physical Training (Optional)	

Third Year	
Chorus	2
Theory of Music (13)	2
Instrumentation (14) Optional for Normal	2
Normal Methods—Psychology (Optional)	2
Harmonic Analysis (17-18)	4
Private Lessons (3 hours daily practise)	12
College Subject	6
Recital	2

Fourth Year	
Counterpoint (19)	2
Strict Composition (20)	2
Composition (21-22)	4
Appreciation (23-24)	4
Private Lessons (3 hours daily practise)	12
College Subject	6
Recital	3

Pianoforte

A systematically developed technical foundation is the first requisite in modern pianoforte playing. That is accomplished by the use of carefully selected and graded technical exercises, which are designed to give control to the muscles of the fingers, hands and arms, making them responsive to the commands of the will, without which artistic results cannot be attained. At the same time the musical and aesthetic development of the student receives the most careful attention.

Preparatory

Free Technic (hand development), including Scales, Arpeggois, etc. Studies by Gurlitt, Berens, Loeschorn, Kohler, etc. Sonatinas and pieces by Lichner, Diabelle, Reinecke, and others.

First Year

Technic continued. Etudes by Duvernoy, Heller, Kohler, Krause, Bach, Little Preludes and Fugues, Sonatas by Clementi, Kuhlau and others. Graded solo pieces.

Second Year

Technic continued. Etudes by Czerny, Doring, Kraus, Bach, Inventions. Sonatas by Hayden, Mozart and others. Solo pieces by modern composers. Two lessons per week required. Public performance.

Third Year

Advanced technic. Etudes by Czerny, Clementi, Tausig, Philip, Bach, Well Tempered Clavier. Sonatas by Mozart and Beethoven. Solo pieces by classic and modern composers. Two lessons per week required. Public performance.

Fourth Year

Larger works of Bach, Chopin Etudes, Schumann, Liszt and Brahms. Later Beethoven Sonatas. Special selections from the modern schools and American composers. A standard concerto. Recital.

Voice Culture

True cultivation of the voice consists in the correct development of pure tone placement, and its easy and natural use and control in singing. In order to accomplish this, two thing are

of utmost importance: correct use of the breath, and proper support of the tone by the muscles of the body. A higher ideal is aimed at than the perfection of mere mechanical skill, viz: a musicianly style of singing and all that is implied in the term "Interpretation," together with a thorough appreciation of the best works of the masters, both old and new.

The time required to finish the course will depend largely upon the physical and mental endowment of the student, and the amount of work done before enrollment in the Conservatory.

First Year

Breath exercises, tone formation, vowel studies, study of liquids, consonants and mutes, equalization of registers, purity of intonation. Vocalizes by Abt, Siber, Concone, etc. Easy songs by German, English and American composers.

Second Year

Studies in Lagato, Staccato, Phrasing, etc., Vocalizes by Concone and Marchesi. Songs by Schumann, Schubert, Franz, Brahms and other classical writers.

Third Year

Studies in Major and Minor Scales, Turns, Trills, Coloratura Exercises. Vocalizes by Panofka and Marchesi. The standard Oratorios. Songs by Classical and Modern composers.

Fourth Year

Scales, Turns, Trills, Arpeggios with increased rapidity of execution. Songs by Debussy, Faure, Strauss, Rachmmaninof. Arias and Cavantinas from French, German and Italian Operas. Senior Recital in Major subject. Two lessons per week are required in the senior year.

Violin

The Violin department has a very important place in the work of the Conservatory. Students are given a thorough training in technic and interpretation. In the elementary work particular attention is paid to the manner of holding the violin and the bow as well as to the general position of the student while playing. A graceful natural method is insisted upon. The ear is developed so that the student conceives and plays all the harmonies of our musical system.

As soon as the students are sufficiently advanced they are admitted to the Conservatory Orchestra.

First Year

Foundation exercises by Kelley, Wilhelmj-Brown and Hermann; scales by Blumenstengel; etudes, Wohlfahrt, Bohmr, Dancla, Kayser, Ries, and Pleyel; compositions, Dancla, Ries, Sitt, Bohm and others.

Second Year

Studies of the second and fifth position; Hermann and Wilhelmj-Brown; scales, Wilhelmj, Blumenstengel; bow technise, Casorti, and others; etudes, Wohlfahrt, Kayser, Dont and Mazas; compositions, Dancla, Alard , Seitz, Accolay, Viotti and others.

Third Year

Study of all positions, Wilhelmj-Brown; scales, Halir and Hrimaly; etudes, Kreutzer, Dont, Fiorilla and Mazas; compositions, Dancla, Viotti, De Beriot and Vieniawski; concertos, De Beriot, Brugh and Viotti. Two lessons per week and Junior Recital in Major subject.

Fourth Year

Scales, Halir, Schradieck; etudes, Rhode, Mazas, Rovelli, Gavines, Wieniawski, Leonard and Dont; composition, Vieuxtemps, Alard, Spohr; Sonatas, Bach, Grieg, Handel, Beethoven. Senior Recital in Major subject. Two lessons per week required in Senior year.

Organ

The already great and ever-increasing need of competent well-trained organists for the churches and schools of our country leads us to give this department special prominence.

Excellent facilities are provided for enabling students of talent to prepare themselves fully for responsible positions as church and concert organists. The plan of work provides for thorough training in all that pertains to a mastery of the organ, a systematic drill in technics for manuals and pedals separately and combined, vocabularies, registration, etc.

The College possesses two excellent pipe organs for practice, teaching, and concert purposes.

First Year

Studies for pedals and manuals, separately and together, the same transposed into all keys. Manual exercises in three, four. and five parts, with and without pedals. Special Pedal Technics practiced at various tempos and in all keys. Merkel or Dunham Organ School throughout the year with easy solo pieces.

Second Year

Pedal Studies by Thayer and Merkel. Rheinberger and Schneider, Trios, Bach, Little Preludes and Fugues begun. Solo pieces by classic and modern composers. Accompanying the plain song.

Third Year

Reimann and Armbrust Pedal and Manual Studies, Merkel Etudes, Richter Organ Trios, Bach Little Preludes and Fugues completed. Bach Trio Sonatas begun. Sonatas and selected pieces by European and American composers. Study of Organ Stops and Registration, Art of Accompanying continued. Two lessons per week and Junior Recital in major subjects.

Fourth Year

Lemmens' Organ School, Clemens' Modern Pedal Technic, Bach Trios continued, Bach Great Preludes and Fugues begun, Sonatas by Merkel, Mendelssohn, Rheinberger, and Guilment, selected solo and concert pieces from the various schools of organ composition. Study of the organ mechanism. Two lessons per week required in the Senior year.

Theory of Music

To the student the accurate knowledge of the laws of harmony and composition is of the utmost importance. Without this knowledge, no student can truthfully be said to be well educated and cultured in music, nor can he hope to become any other than a performer dependent upon the superior knowledge of his teacher. Recognizing the absolute necessity of a thorough education in this the *Science* of Music the Conservatory insists upon an exhaustive study in this indispensible requisite.

The scientific course may be had privately at the regular applied music tuition rate. In this case the work may be completed in a much shorter time.

COURSES IN THEORY OF MUSIC

Course 1-2. Sight singing, Solfeggio, Intervals, Melodies and Part Singing. Key relationship and signatures. Two hours per week.

Course 3-4. Ear-training, Consonant and Dissonant intervals, Dictation of Melodies, Chords and Inversions. Two hours per week.

Course 5-6. Harmony, Notation, Scales, Keys, Signatures, Intervals, Triads, and Chord corrections, harmonizing given bases and melodies, chord of the dominant seventh with all its inversions, secondary triads in major and minor with their inversions, dominant major and minor ninth, modulation, piano work, ear-training. Three hours per week throughout the year.

Course 7-8. Harmony, secondary seventh chords in major and minor, Chromatically altered chords, enharmonic changes, the suspension retardation, appoggiatura, anticipation, passing tone, embelishment, melodic, original work, ear-training. Two hours per week throughout one year.

Course 9-10. Form and Analysis, Chord reading, Analysis of Hymns, the Section, Phrase, Period, Smaller Forms and Bach Inventions. Two hours per week.

Course 11-12. History of Music. The development of music will be traced from primitive forms, including the music of the Congo tribes in Africa, Chinese, Hindoos, and American Indians through the music of the ancient Greeks to that of modern times.

In the second semester the development of the classic and romantic schools and the growth of the opera and oratorio are studied, together with the lives and works of composers and musicians of note, including those of today; the course is supplemented by musical illustrations to show the general characteristics of the periods under discussion. A considerable amount of outside reading is required. No previous musical knowledge is required. Two hours per week throughout one year.

Course 11a-12a. The second year History of Music takes up special subjects e. g. The Life and Work of Beethoven, Brahms, and Cesar Franck, in the first semester, and a complete survey of modern French music, in the second semester. Prerequisite courses 11-12.

Course 13. General Theory. The course includes musical rythm, tempo marks, abbreviations of notation, embellishments, musical forms, as the suite, sonata, the overture, concerto, symphony vocal form, including the mass, aria, vocal ronda, strope form art song, contrapuntal forms and modern dance forms. Acoustics, overtones tempered scales. Two hours per week for one semester.

Course 14. Instrumentation. Study of the Orchestra and individual instruments with exercises in transposition and arrangement. Two hours per week for one semester.

Course 15-16. Counterpoint. Simple counterpoint in the five species in two, three, four and five parts with combinations of these species. Two hours per week for one year.

Course 17-18. Harmonic Analysis. A continuation of course 9-10 leading to analysis of Beethoven sonatas. Two hours per week.

Course 19. Counterpoint. Strict and modern styles continuing course 15-16. Imitations, Sequences leading to smaller Fugues in two parts. Two hours per week one semester.

Course 20. Strict Composition. Writing in all the contrapuntal form beginning with the phrases in Double Counterpoint and ending with a fully developed Fugue. Two hours per week throughout one semester.

Course 21-22. Composition. Development of Phrase—forms in original work using melody and motive styles. The period and group formations leading into song forms. One hour per week.

Appreciation 23-24. Examination of classical compositions in various styles and forms. The standard Oratorios. Symphonies of Haydn, Mozart, and Beethoven. One hour per week.

Public School Music Course

For Supervisors.

Graduation from a first grade high school or the equivalent is required as a prerequisite to this course.

Completion of the course merits a State Provisional Certificate in Public School Music.

Completion of the first year admits to the County Certificate in Music.

First Year

First Semester

Rudiments and Dictation (3)	2
Harmony (5)	2
Public School Music Methods	2
English (1)	2
Psychology (Ed. 13)	3
Physical Education	
Piano (one lesson)	2
Singing (one lesson)	2

Second Semester

Ear-training and Solfeggio (4)	2
Harmony (6)	2
Public School Music Methods	2
English (2)	2
Principles of Education (Ed. 14)	3
Physical Education	
Piano (one lesson)	2
Singing (one lesson)	2

Second Year

First Semester

History of Music (11)	2
Form and Analysis (9)	2
Public School Music Methods	2
Observation and Practice	2
Public Speaking (1)	3
Piano (one lesson)	2
Singing (one lesson)	2

Second Semester

History of Music (12)	2
Form and Analysis (10)	2
Public School Music Methods	2
Observation and Practice	2
School Organization (Ed. 10)	3
Piano (one lesson)	2
Singing (one lesson)	2

Our students have opportunity of observing the courses in actual practice in the New Concord schools by visiting the various grades in company with the teacher, as our instructor is also Supervisor in these schools.

The tuition of the above course is the sum of the fees for the Music subjects listed therein.

Normal Course

Normal Courses in Piano, Vocal, Violin or Organ are given in the Junior year. The Psychology of Education as Related to the Teaching of Music is required. The problems of teaching are discussed; methods for the various branches are suggested; materials for the various grades are examined. Students completing the full three year theory course and the Normal Course may be issued a Teacher's Certificate. After the completion of the four year outlined course a *Diploma* is granted.

Degree Course

Candidates must have completed one of the Diploma Courses or its equivalent for entrance having also the required College entrance credits. The following subjects are outlined throughout the year:

Applied music, unless majoring in Theory.
Instrumentation and Orchestration.
Canon and Fugue.
Composition, Instrumental and Vocal.
Special Reading and Research.
College subjects. (The course in General Physics is strongly recommended as one of the College subjects.)

Post-Graduate Course

Graduate students will find ample opportunity to pursue their theoretical subjects in the more advanced stages and specialize in their principal applied branches. Special attention will be given to those who wish teaching material and methods during the regular school year as well as in the summer term.

Children's Preparatory Course

That the Conservatory may serve the people of New Concord and vicinity in every way possible, two preparatory courses in piano and violin are offered. In the more elementary course children are received up to and including ten years of age. Very careful attention is given to mastery of rudiments of music position of fingers, hands and arms, scale formation, ear-training, etc.

In the second and more advanced course their musical development is continued until they are ready to enroll as regular students. No student fifteen years of age or over is permitted in this course.

Musical Kindergarten

The Conservatory offers to small children of the district a one year course in musical kindergarten under an experienced graduate teacher. In this course children are taught by kindergarten methods, the names of the lines and spaces with their position on the keyboard, scale construction, etc. In short, the course prepares them for the first regular lessons in piano.

Musical Organizations

The Conservatory maintains the musical organizations usually found in the best Conservatories, as the Choral Society for the study of Oratorio, singing only the highest class of Anthems and oratorio choruses at the monthly union services in the auditorium, the Conservatory Orchestra for all who play sufficiently well upon any orchestral instrument, and the Men's and Women's Glee Clubs which contribute so strongly to the musical life of the institution.

Recitals

In order that the students of the institution may have the opportunity of deriving the benefits to be obtained from hearing good music well rendered, a number of artists' recitals by visiting musicians and the Faculty are arranged throughout the school year.

Practice

Pianos for practice may be secured at reasonable rates by application at the Conservatory office.

The College owns two excellent pipe organs for practice, lessons and concert purposes. The larger one placed in the auditorium and built by M. P. Moller of Hagerstown, Md., has two manuals, a pedal board extending to tenor G, twenty stops, eight couplers and modern conveniences and accessories.

Tuition and Fees

The following rates are for one semester:

Piano, Organ, Voice, Violin.

One lesson per week ..... $20.00—$25.00
Two lessons per week ..... $35.00—$45.00

(Minimum price with assistants, maximum with the Heads of Departments.)

Musical Science in Classes.

Courses 1 and 2	$ 5.00
Courses 3, 4, 9, 10, 11, 12 and 13	9.00
Courses 5, 6, 7, 8, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24	12.00
Ensemble Fee	5.00
Chorus Fee	1.00

Public School Music Courses are the same rate as above.

Children's Piano Classes.

Kindergarten classes, per semester	5.00
Up to eleven years of age, one lesson per week	6.00
Eleven to fifteen years of age, one lesson per week	15.00

Beginning fifteen years of age at regular rate.

Piano and Organ Rent.

Piano, one hour each day	3.00
Organ, one hour each day	15.00
College incidental fee	5.00
Diploma fee	5.00

Muskingum Academy

FACULTY

J. KNOX MONTGOMERY, D. D., President.

JOHN GLENN LOWERY, M. A., Dean of Education, Superintendent.

JESSE A. KEYSER, B. S., Principal and Science.

B. S. in Education, B. S. in Agriculture, Ohio State University, 1916. Teaching elementary schools Bellaire, Ohio, 1908-1911; Supervising Principal centralized school Lucas County, Ohio, 1916-1920; Principal Academy-High School, Muskingum College, 1920-.

LAYTON WEBER CAIN, B. S., Mathematics, Physical Education and Athletics.

B. S., Muskingum College, 1919. Teacher High School, Caldwell, Ohio, 1919-1920; Teacher and Coach, High School, Carrollton, Ohio, 1920-1921; Teacher and Coach, Academy-High School, 1921-.

AMANDA D. KEYSER, A. B., Home Economics, Biology.

Normal Diploma, Muskingum College, 1914; A. B., Muskingum, 1921; Teacher Elementary Schools, Montgomery County, Ohio, 1914-1915; Elementary Schools, Lucas County, Ohio, 1917-1920; Muskingum College Summer School, 1921; Home Economics, Academy-High School, 1921-.

GRACE GORDON McCREARY, A. B., English and History.

A. B., Muskingum College, 1913; Principal Normal School, Norfolk Mission College, 1913-1914; Teacher of English, Girls' Central School, Alexandria, Egypt, 1915-1919; English and History, Academy-High School, 1920-.

MARY GERTRUDE MARTIN, B. A., M. A., English and Social Science.

B. A., Muskingum College, 1920; M. A., Columbia University, 1921; Instructor, Muskingum Summer School, 1920; English, Social Science and Dean of Girls, Academy-High School, 1921-.

GENEVA KATHLEEN MONTGOMERY, A. B., English and French.

A. B., Muskingum College, 1918; Instructor Muskingum Summer School, 1917, 1918, 1919; High School, Savannah, Ohio, 1918-1919; High School, North Washington, Pa., 1919-1920; Literature and French, Academy-High School, 1920-.

JEANNETTE A. REED, B. A., M. A., Latin.

B. A., Ohio Wesleyan, 1911; Graduate Study University of Wisconsin, 1914-1916; M. A., University of Wisconsin, 1915; Instructor, Illinois College, Jacksonville, Ill., 1911-1914; Principal, High School, Fultonham, Ohio, 1914-1917; Latin, Academy-High School, 1917-.

PURLE FRANCES LANTZ, School Music and School Art.

Student of Public School Art, Ohio University, 1915-1916; Student Public School Music, Capitol College of Music and Oratory, 1919-1920; Teacher, Public School Music and Art, Grand Rapids, two years; Newton Falls, Ohio, three years; Present position, 1921-.

GENERAL INFORMATION

Historical Statement

This School had its beginning about a century ago. In 1825 a group of citizens founded a school "to give instruction beyond the common schools" and named it the New Concord Academy. In 1837 this school extended its course and was chartered by the General Assembly of Ohio as The Muskingum College, the work of the former Academy being continued as the Preparatory Department of the College. In 1908 the preparatory courses were recognized as fully accredited secondary courses and the college authorities authorized the conducting of formal graduating exercises and the issuing of diplomas.. The Academy has its own building on a campus adjoining the College.

New Concord High School

The Board of Education of New Concord Village, desiring to give to the resident pupils and to the Boxwell pupils who choose to attend, under the provision of that law, a good first grade high school course, has made this school, its courses and equipment, the village high school. The Board has elected the Academy teachers as the high school teachers and adopted suitable rules and regulations to have the high school work done in the college buildings.

Aims and Advantages

The aims of this school are: First, to afford a liberal education of four years for those who may not find it possible to complete a college course. Second, to give thorough preparation for those who wish to enter colleges, professional or technical schools.

The advantages offered by this school to those who find it necessary to go away from home to take a high school course are great. It is a fully accredited secondary school—the equal of the best high schools. Experienced and well prepared teachers have charge of the work. The college equipment and library being accessible for the work adds fullness to the courses. Splendid opportunity is offered for literary and social development—attainments so highly essential to success today. Direct attention is given to the moral and religious influences that surround the student and regular attendance upon church service is required. Chapel exercises are conducted and all students are expected to

attend. Rooming and boarding rates are reasonable and the accommodations especially suited to students, as it is a part of the business life of the town to provide such things. These accommodations must meet the approval of the school before the students are permitted to accept them.

Entrance and Credits

Completion of the elementary schools is required as preparation for the first year's work. Work done in other high schools will be accepted, without examination, provided a full statement of the work done, certified by the teacher, is presented. Blanks for this purpose will be furnished. In order that any year subject presented from other schools be given unit credit or any half-year subject be given half unit credit, it must meet the standards of accredited schools as to amount, quality and time of pursuance, together with such note books and collateral work as is regularly required.

Examinations and Reports

Examinations are held at the end of each semester or oftener if the instructor in charge deems it best. Daily class work, written work, notes and examinations form the basis of standing and credit in work done.

Reports are sent out at the end of each six weeks giving the standing that the student has made in his work; and if at any time within the semester circumstances arise that make it advisable, the parents are apprised of the scholarship and conduct of the student.

Pupils of more than average ability may be permitted to make extra credit, pupils maintaining a standard C, or above may be permitted to carry an extra subject.

Time Required

The time required to complete the academy course is regularly four years for those who come directly from the elementary schools, but bright and ambitious students of somewhat greater maturity may be taking some extra work or by attending Summer School complete the course in three years.

Graduation

Upon the completion of sixteen units of study in accordance with the outlined courses, together with all other prescribed requirements for graduation, the student will be granted a diploma.

A unit is understood to mean a study of four or five class periods per week for the school year, aggregating as a minimum one hundred and twenty clock hours of class-room work. Two hours of laboratory work, etc., are to count as one class hour. At least one year's work—the last—should be done in this school.

Graduating exercises, consisting of Baccalaureate service and Commencement exercises, must be attended by all graduates and each must prepare such thesis or other exercise as may be required.

Tuition and Fees

Tuition per semester	$30.00
Extra hours over 21 per week	1.50
Fee in Physics, per semester	1.50
Fee in Cooking, per semester	2.00
Fee in each of the other sciences, per semester	1.00
Incidental, library, and athletic fee, per semester	6.00

This last fee entitles the academy student to the same privilege as the college student. No student is exempt.

Students taking part academy and part college work will be charged a proportionate amount of the two regular rates according to the amount of work taken in each school.

Courses of Study

Students should select the studies of their high school course in some distinct order. The State Department has set the following standards: All students must have three units of English, two of social science, including history and civics, two of mathematics, and one of natural science.

Further, each student should select his subjects that he will have completed at least two majors of three units each and two minors of two units each.

The following will be deemed satisfactory major groups: three units of English, three units of foreign language, three units of mathematics, three units of social studies, three units natural science, three units of vocational studies of similar kind. Two units of any one of the foregoing groups of studies shall constitute a minor. Larger freedom of selection is permitted for the remaining six units. This should be governed by the future courses of the student.

STATEMENT OF DEPARTMENTS

Bible

A general survey of the Bible and of Bible times from the Historic point of view. Blaikie's Manual of Bible History is used as a text, 1-2 Unit.

English

First Year—A standard text is used as a basis for the work of the first year. Careful attention is given to correct forms of oral and written English. Frequent opportunities are given for practice in floor-talks, story telling and dramatization. Some of the simpler classics are assigned for reading and study.

Second Year—The second year is given to the study of a standard text on Rhetoric and Composition. Punctuation, diction, style, figure of speech, and prosody receive special attention. Theme-writing, paragraph-writing, and impromptu essays are required, with careful criticsm of all work done. Selected classics are assigned for reading and report.

Third Year—This year's work is a study of American Literature. The work includes:

1. A thorough study of a brief text on the History of American Literature.
2. Class study of many selections of the choicest American Literature.
3. Home study of classics assigned for reading and report.
4. A note book, including outline work.
5. Choice passages memorized.

Fourth Year—The fourth year is given to study of English Literature. A text-book on the History of English Literature is used. Critical study is given to a number of English classics, using the texts prescribed by the college entrance requirements. Others are assigned for reading and report.

Public Speaking (English elective fourth year). The work is practical rather than theoretical. Practice is given in interpretative reading, story telling, debating, dramatics, and various miscellaneous talks.

French

First Year—A standard direct method text-book is used as a basis of the course. French is made as far as possible the language of the class-room.

Second Year—A number of books of suitable grade are read and a review of grammar is given.

History and Social Science

Ancient History—A study of the Ancient and Medieval Nations up to the time of Charlemagne. One unit.

Modern History—A study of the leading events and peoples from the time of Charlemagne to the present time. One unit, second year.

United States History—A study of the historical events in American history giving attention to the political and economic aspects of the development of the Republic. One-half unit, fourth year.

Occupation and Community Civics—First Semester. A general survey of the various occupations, with special reports and reviews of occupations in which the pupils seem especially interested. Representatives of various callings are asked to address the class; visits are made to plants and business institutions.

Second Semester. A study of the individual in relation to the various governmental and industrial problems with a view to preparing the student to participate more intelligently in community affairs. First or second year, one-half credit each semester.

Civics—This course gives a study of the American Republic, the formation of the government, its functions and operations, and the rights and duties of citizenship. One-half unit, fourth year.

Social Problems—A course designed to bring the student in touch with the current social conditions and the movements for their improvement Pure theory is kept in the background and the facts concerning conservation of natural and human resources, and similar problems are so presented as to prepare the class for more enlightened citizenship. One-half unit.

Economic Geography—This course attempts to explain how man's industries are determined by his environment. The physiographic basis of industry is treated in connection with the industrial facts that are being explained. A wealth of information is given concerning the trade, commerce, and industry of the world. One-half or one unit.

Latin

First Year—This course aims at a mastery of the subject matter of a standard text as preparation for the reading of Caesar and as a means of teaching vocabulary.

Second Year—A study of Books I-IV of the Gallic War, with especial attention to syntax, word order, prose composition, as well as the customs and history of the period.

Third Year—Four Orations against Cataline and Orations for Archias and Manilian War. Grammar and composition throughout the year.

Fourth Year—Books I, II, III, IV, VI of Virgil's Aeneid. Emphasis is laid upon the eloquence, mythology and literary style of Virgil with the aim of giving the student some conception of the Aeneid as a great masterpiece.

Mathematics

First Year—General Mathematics. First and second semesters.

Second Year—Plane Geometry. First and second semesters.

Third Year—Solid Geometry. First semester. Higher Algebra. Second semester.

Fourth Year—Advanced Arithmetic. A practical review of the principles of Arithmetic in its more advanced phases. Only those students who have had Algebra and Geometry are eligible to take this course. One-half unit.

Science

General Science—This course consists of recitations assigned readings, demonstrations, laboratory exercises, and class trips. Its purpose is first to develop the scientific method of thinking and investigating the common things of experience without especial emphasis on any one branch of science; second, to give a foundation for a further interest in science and basis for intelligent selection among the special sciences that may be taken up later.

Biology—This is a one-year course that makes a careful study of the fundamental facts of plant and animal life and human physiology. Laboratory exercises are correlated with the class work and carefully prepared notes and drawing are required.

Physics—A year's work consisting of:

First Semester—Mechanics, Molecular Physics and Heat.

Second Semester—Magnetism and Electricity, Sound and Light.

Elements of Agriculture—A study of the main principles of Agriculture such as will give a general basis for the further study of it as a trade subject, but at the same time presenting it as a subject that concerns all—a human interest subject, one that touches the daily life of every individual. Laboratory and field work required.

Home Economics—Food Study and Cooking. This course includes a study of nutrients and their use and arrangement in the diet. The laboratory work consists in the preparation and serving of foods. Two hours per week recitation and two double periods per week laboratory.

Textiles and Sewing—Kinne and Cooly, Shelter and Clothing, is used as a text. A study is made of the various textile fibers and their uses as well as the hygiene of clothing. The elements of household management are included in this course. Two hours recitation per week and three hours laboratory period in which girls make garments for their own use.

REGISTER OF STUDENTS

SENIOR CLASS 1921-22

Apple, Harvey Coover ..... Middletown, O.
Baker, Virgil Lyle ..... New Concord, O.
Bevington, Merle Mowbray ..... Quaker City, O.
Boyd, Berenice Mary ..... New Concord, O.
Brown, Harold Walton ..... Lyallpur, India
Brownlee, Harold Simpson ..... New Concord, O.
Buker, Werner Elmer ..... Norwich, O.
Caldwell, Harold McKnight ..... Crafton, Pa.
Campbell, Daniel Cavitt ..... Alliance, O.
Campbell, Willard Donald ..... New Concord, O.
Cherry, Raymond Hutchison ..... Xenia, O.
Cleland, Helen ..... Philadelphia, Pa.
Cochard, Helen Burkhart ..... Pittsburgh, Pa.
Crawford, Carey Curtis ..... New Concord, O.
Davis, Ray McCreight ..... New Concord, O.
Dickerson, Bessie Evelyn ..... Cumberland, O.
Dittmar, Charles Arlington ..... Pittsburgh, Pa.
Donaldson, Helen Marie ..... Carrollton, O.
Doudna, Francis Shipley ..... Cambridge, O.
DuBois, Earl Danford ..... Portland, Ore.
Fife, Lloyd Bough ..... Lisbon, O.
Findley, Orrin Rankin ..... Millersburg, O.
Fink, Ollie Edgar ..... Zanesville, O.
Fitzwater, Joseph ..... Chicago, Ill.
Flesher, Helen Lu ..... Cairo, W. Va.
Forbes, Edna Marie ..... New Concord, O.
Ford, Nancy Jemima ..... New Concord, O.
Fraser, James Murray ..... Washington, Pa.
Frost, Ralph Wilbur ..... Chester, W. Va.
Gibbon, Virginia Lee ..... Zanesville, O.
Giffen, Harold Sleeth ..... New Concord, O.
Giffen, Horace Kerr ..... New Concord, O.
Gillogly, Esther Jane ..... New Concord, O.
Gordon, Ethel ..... Bergholz, O.
Graham, James Paul ..... Reynoldsburg, O.
Graham, Lulu Marian ..... New Concord, O.
Gregg, Abner Everett ..... Belmont, O.
Hamilton, Daniel Minnich ..... Glenford, O.
Henderson, Roxie Bell ..... New Concord, O.
Hunt, Frank Raymond ..... Gilmore, O.
Hussey, Charles Lincoln ..... Pittsburg, Kans.
Hutchman, Paul Eugene ..... Pittsburg, Kans.
Hutchman, Ruth Lacey ..... Pittsburg, Kans.
Johnson, Howard Stevens ..... New Athens, O.
Johnston, Herrick Lee ..... West Point, Miss.
Laughlin, Ralph Anderson ..... Cambridge, O.
Ledman, James Thoburn ..... New Concord, O.
Lobaugh, Harold Edward ..... Conoquenessing, Pa.

Loughridge, Rachel ..... Rushsylvania, O.
McClain, Robert John ..... Jewett, O.
McCollough, Willis Lindsay ..... Steubenville, O.
McGuire, Frank Worstell ..... Tappan, O.
Malone, Florence ..... Washington, Pa.
Malone, Mary Margaret ..... Washington, Pa.
Miller, Margaret Hunter ..... Venetia, Pa.
Miller, William Wade ..... Lewistown, Pa.
Mintier, Arthur McCall ..... Flushing, O.
Moore, Annalie ..... New Concord, O.
Moore, Isabelle Ruth ..... Butler, Pa.
Moore, Robert Thomas ..... Xenia, O.
Morrison, Martha ..... Keisters, Pa.
Moss, Velma Catherwood ..... Cambridge, O.
Murdoch, George James ..... Cambridge, N. Y.
Myers, Maxwell ..... Irwin, Pa.
Peacock, Ralph Wilson ..... Houston, Pa.
Pollock, Lena Catherine ..... Fairpoint, O.
Pollock, Thomas Clark ..... Philadelphia, Pa.
Poulton, Charles Ernest ..... Temperanceville, O.
Rankin, George Thomas ..... Cambridge, O.
Reed, Arthur Grove ..... Assuit, Egypt
Reed, Mary Martha ..... Assuit, Egypt
Robe, Thurlow Scott ..... New Concord, O.
Shaw, J. Rodney ..... Roseville, O.
Stewart, Emma Lee ..... Cambridge, O.
Stoup, Francis Harold ..... Valencia, Pa.
Watson, Grace Gregory ..... New Concord, O.
White, Wanda Marie ..... New Concord, O.
Wilson, Robert McWatty ..... Ben Avon, Pa.
Wilson, Ross Stevenson ..... Ben Avon, Pa.
Winter, Elizabeth Ellen ..... Youngstown, O.
Wishart, Alfred Wilbur ..... Pittsburgh, Pa.
Wright, Helen Marguerite ..... College Corner, O.

JUNIOR CLASS 1921-22

Adams, Lucille LaVerne ..... Pittsburgh, Pa.
Alexander, Mary ..... Neffs, O.
Allen, Maynard Coe ..... New Athens, O.
Allison, James Ferguson ..... McGrann, Pa.
Barton, Frances ..... Ellwood City, Pa.
Beighley, Otto Paul ..... East McKeesport, Pa.
Bell, Fred ..... Carrollton, O.
Boarden, Frank Elden ..... Malta, O.
Bradley, Maxa Whitesides ..... Gastonia, N. C.
Burns, Helen Stephenson ..... Sparta, Ill.
Burns, Paul Robert ..... Philadelphia, Pa.
Campbell, Frederick Robert ..... Kenton, O.
Carr, Ina ..... Newcomerstown, O.
Clark, William Howard ..... Avella, Pa.
Cosby, Virgil McComb ..... Ellwood City, Pa.
Cox, Dana Wesley ..... New Castle, Pa.
Daugherty, Donald Hayes ..... New Concord, O.
Denison, Margaret Collins ..... New Concord, O.
Dunn, Marian Elizabeth ..... Salem, N. Y.
Eby, Harry Kammer ..... Aspinwall, Pa.
Espy, Helen Jane ..... Cambridge, O.
Fitzwater, James Perry ..... Chicago, Ill.
Fraser, Lewis Herman ..... Wellsville, O.
Gibson, Caroline Elizabeth ..... South Ryegate, Vt.
Giffin, Robert Morrison ..... St. Clairsville, O.

Gillogly, Eunice Naomi ..... New Concord, O.
Goff, Evelyn Zentmyer ..... Sturgeon, Pa.
Goodwin, Martha ..... Cambridge, O.
Gordon, David Williamson ..... Xenia, O.
Graham, Cary Bates ..... Cumberland, O.
Gray, George Delbert ..... New Concord, O.
Harrison, Freda Helen ..... Centerville, Pa.
Haynes, Darwin Marion ..... Hanover, O.
Hicks, Clifford Hobart ..... Zanesville, O.
Hood, Mary ..... Cambridge, O.
Hutchison, Joseph McKee ..... Bellevue, Pa.
Irvine, John Elliott ..... Steubenville, O.
Jackson, Iva Minnetta ..... Apollo, Pa.
Jeffers, Harry Clifford ..... Camden, O.
Johnston, Joseph Murl ..... Pittsburgh, Pa.
Jones, Albert Lewis ..... Pittsburgh, Pa.
Keboch, Mildred Miriam ..... Aspinwall, Pa.
Kelsey, Hugh Espy ..... New Concord, O.
Killough, Josephine Hannah ..... Philadelphia, Pa.
Knox, Wilbur Wilson ..... New Athens, O.
Kyle, Philip Collins ..... Xenia, O.
Lees, William ..... Pittsburgh, Pa.
Lowther, Virginia Mary ..... Wellsville, O.
Lyons, Dwight Edwin ..... Chandlersville, O.
Lyons, Harley Kenneth ..... New Concord, O.
McClenahan, James Everett ..... Pittsburgh, Pa.
McFadden, George Horace ..... New Athens, Pa.
McFadden, Mary Elizabeth ..... New Athens, Pa.
McKee, Margaret Eliza ..... Monongahela, Pa.
McKibben, James Dale ..... Hoopeston, Ill.
McQueen, Thomas Gamble ..... Greenville, Pa.
Miller, Dorothy Hazen ..... Venetia, Pa.
Miller, Hazel Letitia ..... Indiana, Pa.
Miller, Kenneth Erskine ..... Steubenville, O.
Mintier, Wendell Reid ..... New Concord, O.
Miskimen, Mildred Althea ..... Newsomerstown, O.
Moore, James Luther ..... Pittsburgh, Pa.
Moorehead, Agnes Roberta ..... Reedsburg, Wis.
Morton, Robin ..... New Concord, O.
Park, John Crawford ..... Pittsburgh, Pa.
Pollock, Martha Belle ..... Aledo, Ill
Pollock, Sara Louise ..... Aledo, Ill.
Pry, Edith LaVerne ..... St. Louis, Mo.
Rockwell, Robert Hawthorne ..... Akron, O.
Rogers, Gladys Mary ..... Bellefontaine, O.
Sell, John Earl ..... Pittsburgh, Pa.
Shane, William Norman ..... Carrollton, O.
Short, Raymond Stanley ..... Xenia, O.
Smeltz, Mary Barton ..... Carrollton, O.
Stauffer, Jay Warren ..... East McKeesport, Pa.
Steele, Lydia McKee ..... Pittsburgh, Pa.
Swan, Reo Miskimen ..... Birds Run, O.
Thompson, Janet Evangeline ..... Alliance, O.
Thompson, Mary Winifred ..... New Concord, O.
Thompson, Wilda Mossman ..... New Concord, O.
Weyer, James Andre ..... Cleveland, O.
Williams, Tweeny Bessie ..... Martins Ferry, O.

SOPHOMORE CLASS 1921-22

Aikin, Charles ..... Bellefontaine, O.
Alloway, Lena Roberta ..... Cambridge, O.
Anderson, Frances Irene ..... Wellsville, O.
Armstrong, Bessie Florence ..... Cambridge, O.
Ballantyne, John Collins ..... Xenia, O.
Ballenger, Frank Edward ..... New Concord, O.
Ballenger, Hazel ..... New Concord, O.
Barton, Berwick ..... Ellwood City, Pa.
Bay, Floyd Fleming ..... New Concord, O.
Bell, Farley Warren ..... Glenville, W. Va.
Berry, Helen Isabel ..... New Concord, O.
Besore, George Raleigh ..... Vermilion Grove, Ill.
Bickle, Horace Waters ..... Pittsburgh, Pa.
Blair, Paul McKinley ..... Volant, Pa.
Borton, Homer ..... New Concord, O.
Brock, Raymond Virgil ..... Norwich, O.
Brown, James Dowling ..... Zanesville, O.
Brownlee, Louise Templeton ..... Ben Avon, Pa.
Buchanan, Bryan Duncan ..... Bad Axe, Mich.
Burris, Stella ..... Cambridge, O.
Campbell, Dorothy Eleanor ..... Morning Sun, Ia.
Chalfant, James McGowan ..... Steubenville, O.
Chambers, Mary Ferne ..... Ellwood City, Pa.
Chase, Maurice Chapin ..... East McKeesport, Pa.
Chorpening, Lillian Frances ..... Connellsville, Pa.
Clark, Edwin Milligan ..... Indiana, Pa.
Collins, Ruth Letha ..... New Concord, O.
Compher, Stanley Carlton ..... Piedmont, O.
Crouch, George Marion ..... Canonsburg, Pa.
Dean, Fleming McConnell ..... Xenia, O.
Deselm, Mary Ruth ..... Cambridge, O.
Downie, James Thomas ..... Freeport, Pa.
Dumm, Mary Elizabeth ..... Cherry Fork, O.
Dye, Franklin Foster ..... Reinersville, O.
Eakin, Paul James ..... Steubenville, O.
Earley, Dorothy ..... Philadelphia, Pa.
Estill, Lillian ..... Millersburg, O.
Fink, Hallie ..... Zanesville, O.
Fleming, James Arthur ..... Philadelphia, Pa.
Franks, Roderick Ross ..... Millersburg, O.
Furbee, Clark Mahon ..... Mannington, W. Va.
Gallagher, Sara Wilma ..... Antrim, O.
Galloway, Mildred ..... Xenia, O.
Gegler, Harry Stees ..... Philadelphia, Pa.
Gibson, Mary Florella ..... South Ryegate, Vt.
Giffen, Lois ..... New Concord, O.
Giffen, Sara Thompson ..... St. Clairsville, O.
Gillis, Paul McBride ..... Pittsburgh, Pa.
Gray, Frances Willard ..... New Concord, O.
Green, Leda Hope ..... Rushville, Ind.
Griffith, Prather James ..... Youngstown, O.
Grimes, Deane Whitman ..... New Concord, O.
Hampton, Harriett Phoebe ..... Cambridge, O.
Hannon, John William Guy ..... Washington, Pa.
Hay, Thomas Clifford ..... Saxonburg, Pa.
Hutchison, Newton Webb ..... Bellevue, Pa.
Hutson, Clyde ..... Salem, W. Va.
Hutton, George William ..... Chicago, Ill.

Hyde, Helen Campbell ..... Marietta, O.
Johnson, Mary Isabel ..... St. Clairsville, O.
Johnson, Rex Marion ..... Wolf Summit, W. Va.
Johnston, Mary Alice ..... Salesville, O.
Johnston, Sara Margaret ..... East Liverpool, O.
Karnes, Merle Everett ..... Antrim, O.
Keach, John Russell ..... Akron, O.
Kelley, Audrey Marie ..... Noblestown, Pa.
Kelsey, Mary Elizabeth ..... New Concord, O.
Kenneweg, Christian Frederick ..... Pittsburgh, Pa.
Klein, Lucretia Guss ..... Philadelphia, Pa.
Laughlin, Glady Mary ..... Warsaw, O.
Laverty, Clelia Virginia ..... Cambridge, O.
Law, Martha Myrtle ..... Quaker City, O.
Lewis, David James ..... Greenville, Pa.
Loudon, William Linville ..... Canonsburg, Pa.
Lyle, Mary Frances ..... Flushing, O.
McAllister, Lois K. ..... Waterman, Ill.
McBane, Dwight Jay ..... Bergholz, O.
McBride, Christine Harriet ..... Chicago, Ill.
McBurney, Eleanor Isabel ..... Quaker City, O.
McCartney, Clinton Eugene ..... Stoneboro, Pa.
McConagha, Mary Alice ..... New Concord, O.
McFetridge, Mary Elizabeth ..... St. Clairsville, O.
McGill, Elizabeth Mary ..... Greggs, Pa.
McGregor, Harlan ..... Cambridge, O.
McKee, Margaret Mae ..... Ninevah, Pa.
Manfull, Emmett Lemoine ..... Mechanicstown, O.
Marshall, Edna Pink ..... Nashport, O.
Martin, Dora Elizabeth ..... New Concord, O.
Merrilees, Charles Hamer ..... Bellefontaine, O.
Miller, Maude Mitchell ..... Lewistown, Pa.
Miller, Thomas Patterson ..... Lewistown, Pa.
Millhone, Ross ..... Senecaville, O.
Modi, Paul Gregory ..... Barnesville, O.
Moore, Clark Dennis ..... Pleasant City, O.
Moore, Mary Olive ..... Rea, Pa.
Moore, Ruth LePage ..... Cumberland, O.
Morris, Grace Barbara ..... Philadelphia, Pa.
Morrow, Virginia Bryan ..... Rennerdale, Pa.
Mosher, Charles Melvin ..... Lodi, O.
Mosher, Harold ..... New Philadelphia, O.
Murdoch, Margaret ..... Cambridge, N. Y.
Nesbitt, Rebecca Watterson ..... Wheeling, W. Va.
Ogan, Ralph Wilson ..... Cumberland, O.
Parker, Stewart Arnold ..... Wellsville, O.
Pollock, Margaret Heade ..... Philadelphia, Pa.
Pringle, James Alfred ..... Wooster, O.
Reed, Frank Marbel, Jr. ..... Zanesville, O.
Reed, Walter Haskell ..... Sarahsville, O.
Reeder, Mildred Jane ..... Kittanning, Pa.
Revenaugh, Virgil Harry ..... Fredericktown, Pa.
Reynolds, Laura ..... East Liverpool, O.
Rich, Lillian Lucille ..... Senecaville, O.
Riesbeck, Laura Kathryn ..... Zanesville, O.
Robison, John Wilbur ..... New Concord, O.
Rogers, Helen ..... Pittsburgh, Pa.
Root, James Don ..... Akron, O.
Salsgiver, James Theodore ..... Avonmore, Pa.
Schaffer, Frank Clifford ..... New Concord, O.
Shane, Anna Mary ..... Cuddy, Pa.

Short, Frank ..... Xenia, O.
Simpson, Pauline Bell ..... Carrollton, O.
Smeltz, Margaret Roxanna ..... Carrollton, O.
Smith, Donald Avery ..... Fredericksburg, O.
Sneddon, Alexander ..... Lore City, O.
Speer, Sara Margaret ..... New Concord, O.
Stevenson, Clayton Ford ..... Butler, Pa.
Stewart, Elizabeth Neill ..... Ambridge, Pa.
Stewart, Esther ..... Pittsburg, Kans.
Stewart, Isabell Reid ..... New York, N. Y.
Stewart, Ursula Agnes ..... Avonmore, Pa.
Sutton, Mary Elizabeth ..... St. Clairsville, O.
Thompson, Mabel Christine ..... East Fultonham, O.
Thompson, Will Scroggs ..... Kenton, O.
Timmons, Lois ..... Quaker City, O.
Tromans, Nellie Evelyn ..... Philadelphia, Pa.
Twinam, Velma Rebecca ..... Crawfordsville, Ia.
Wallace, Virginia Elizabeth ..... Freeport, Pa.
Watson, Mary Grace ..... New Concord, O.
White, Mary Elizabeth ..... Cambridge, O.
Williams, Charles Lewis ..... New Concord, O.
Young, Raymond Smith ..... New Concord, O.

FRESHMAN CLASS 1921-22

Abbott, Winifred ..... Coshocton, O.
Adams, Glenn Renwick ..... Kimbolton, O.
Adams, William ..... Kimbolton, O.
Anderson, Clarence Fillmore ..... Braddock, Pa.
Anderson, Kathleen ..... Cambridge, O.
Armstrong, Arthur ..... Cambridge, O.
Arter, Clifton Wood ..... Cambridge, O.
Ault, Elizabeth ..... Barnesville, O.
Ault, Henry Hewetson ..... Warnock, O.
Basford, Edna Lucretia ..... Quaker City, O.
Bauder, Floy Oressa ..... Ellwood City, Pa.
Bayless, E Lucille ..... Cambridge, O.
Beadling, Ruth Watkins ..... Wilkinsburg, Pa.
Beighley, Esther Ruth ..... East McKeesport, Pa.
Bell, John Albert ..... Cambridge, O.
Berry, Gladys Waneta ..... Quaker City, O.
Berryhill, Margaret Jane ..... Hickory, Pa.
Bevington, Mildred ..... Quaker City, O.
Bishop, Esther Jane ..... Amlin, O.
Black, Francis Loudon ..... Steubenville, O.
Blackstone, Paul ..... New Concord, O.
Blackwood; Archie Lee ..... Manhattan, Kans.
Boggs, Maxwell Patterson ..... Valencia, Pa.
Bonnell, Rollo Wyrick ..... Cambridge, O.
Booth, Josephine Elizabeth ..... New Concord, O.
Bradbury, Harry Riggs ..... College Corner, O.
Bradley, Charles Jefferson ..... Desdemona, Tex.
Bramley, Clara Mae ..... Cumberland, O.
Brewer, Velma Dorothy ..... Zanesville, O.
Brothers, Helen Gould ..... Claysville, O.
Brown, Annie Tabitha ..... Bethesda, O.
Brown, Arthur Charles ..... McConnelsville, O.
Brown, Clarence Calvin ..... Slippery Rock, Pa.
Brown, Esther Elizabeth ..... Senecaville, O.
Brown, Helen Juliet ..... Lyallpur, India
Brown, Margaret ..... Zanesville, O.

Brown, Margery Janney ..... Bethesda, O.
Brown, Martha Elizabeth ..... Bethesda, O.
Bruder, Andrew Herman ..... Bellevue, Pa.
Bryson, Martha Lucile ..... Xenia, O.
Buckey, Grace ..... Cambridge, O.
Bunn, Alice Jane ..... Youngstown, O.
Burris, Walter Craig ..... Bolivar, O.
Camp, John William ..... Cambridge, O.
Canfield, Clyde ..... Pemberville, O.
Carlisle, Flora McGugin ..... Hickory, Pa.
Carman, Sarah Margaret ..... Pittsburgh, Pa.
Casner, Ellen Ruth ..... Senecaville, O.
Casterline, Edna Irene ..... Crafton, Pa.
Chambers, Margaret Grace ..... Walton, N. Y.
Conrow, Gertrude Ellen ..... Flushing, O.
Core, Sara Eliza ..... Rushsylvania, O.
Corwin, Lorna May ..... Senecaville, O.
Coulter, Alma Katherine ..... Cadiz, O.
Cox, William B. ..... New Concord, O.
Crouch, Eleanor Elizabeth ..... Mansfield, O.
Crowe, Mary Ann ..... Cumberland, O.
Cunningham, Sara Margaret ..... New Concord, O.
Danford, Clark Edgar ..... Pleasant City, O.
Davies, Mona Louise ..... Zanesville, O.
Davis, Alice Sara ..... Belle Valley, O.
Davis, Marian Rigg ..... Wilkinsburg, Pa.
Day, Jane Anabel ..... Nineveh, Pa.
Day, Lucile Erma ..... Mansfield, O.
Denius, Clayton Eugene ..... Dayton, O.
Dickerson, John Russell ..... Cumberland, O.
Douglas, Mary Isabelle ..... Petroleum, W. Va.
Douthett, Marjorie ..... Xenia, O.
Downing, Lucile ..... New Concord, O.
Drake, Glenna ..... Pleasant City, O.
DuBois, Charles Lorain ..... Bellaire, O.
Dudley, Chloris Margaret ..... Pleasant City, O.
Earley, Ruth Frances ..... Philadelphia, Pa.
Edgar, Thomas Delbert, Jr. ..... Wilkinsburg, Pa.
Elliott, Philip Cherry ..... Mansfield, O.
Ellison, Helen ..... Dexter City, O.
Evans, Lucilia ..... Warren, O.
Evans, Minerva Jane ..... Reynoldsburg, O.
Ewers, Mabel ..... Bethesda, O.
Ewing, Claude Foster ..... Cambridge, O.
Ferbrache, Mary Alice ..... Cambridge, O.
Fitzwater, Timothy ..... Chicago, Ill.
Foley, James Mitchell ..... Norwich, O.
Foote, Aileen Sangster ..... Williamstown, W. Va.
Foreman, Wilfred Gustain ..... Zanesville, O.
Forsythe, Eva Irene ..... New Concord, O.
Fraser, Anna Sutherland ..... Youngstown, O.
Frazier, Charles Hamilton ..... Frazeysburg, O.
Fulton, Augusta (Mrs.) ..... Laferty, O.
Gaither, Mabel Carrie ..... Cumberland, O.
Ganyard, Thierra Alberta ..... Medina, O.
Gattrell, Chester Worthington ..... Cambridge, O.
Giffen, William Martin ..... New Concord, O.
Gillespie, Margaret Mowry ..... Tacoma, O.
Given, Mary Hazel ..... New Concord, O.
Glessner, Helen Elizabeth ..... Urbana, O.
Goodwin, Vivian Mary ..... Cambridge, O.

Grafton, Grayce Marie ..... Hilliards, Pa.
Graham, Orin Russell ..... Evans City, Pa.
Graham, Victor Dewey ..... Los Angeles, Calif.
Gray, Dwight Elder ..... Jamestown, Pa.
Greenlee, Mary Helen ..... Bridgeport, O.
Gregg, Albert Edmund ..... Duncan Falls, O.
Groves, Elizabeth Rebecca ..... New Concord, O.
Groves, Ellen Jane ..... New Concord, O.
Groves, Kathleen ..... Cambridge, O.
Hageman, Ralph ..... Bellevue, Pa.
Hall, Lucille Adelaide ..... East Palestine, O.
Hamilton, Grace Ella ..... Glenford, O.
Hastings, Robert Blair ..... Ben Avon, Pa.
Hatch, Louis Albert ..... East Liverpool, O.
Hathaway, Belva ..... Martins Ferry, O.
Haverfield, Marguerite Elizabeth ..... Cadiz, O.
Heagen, Ruth Wilson ..... Zanesville, O.
Heagen, Rena ..... Zanesville, O.
Henderson, Sadie Isabel ..... Barnesville, O.
Henry, Ned O'Brien ..... Milroy, Ind.
Herrick, Ormond Boyd ..... Jamestown, Pa.
Herron, Mary Elizabeth ..... Cumberland, O.
Heston, Susie Olive ..... Mansfield, O.
Howell, Mary Margaret ..... Canonsburg, Pa.
Hunt, Arthur Alvin ..... Ben Avon, Pa.
Hunter, Mabel Irene ..... Gibsonia, Pa.
Hutchison, Margaret Temperance ..... Cambridge, O.
Hutter, Harry Kennedy ..... Waterman, Ill.
Hutton, Olive Harriet ..... Chicago, Ill.
Infield, Julia Belle ..... Zanesville, O.
Irwin, Bessie Lorene ..... Bethesda, O.
Irwin, Mary Louise ..... Jacobsburg, O.
Iseman, Mary Ruth ..... Freeport, Pa.
Jamison, Frank Alexander ..... Eighty Four, Pa.
Jeffers, Warren Tony ..... Belmont, O.
Johnston, David Anderson ..... Philadelphia, Pa.
Johnstone, Alan Robert ..... Ben Avon, Pa.
Junkin, Sara Katheryn ..... Steubenville, O.
Kean, Steward Robinson ..... Carrollton, O.
Kelly, Mildred Louise ..... Zanesville, O.
Kerr, Robert Ralston ..... Martins Ferry, O.
Kirby, William Burke ..... Cambridge, O.
Kisling, Ethel Mildred ..... Quaker City, O.
Knipe, Josephine Naomi ..... Fairpoint, O.
Kochera, Helen ..... Pleasant City, O.
Kyle, Helen Lois ..... Altoona, Pa.
Lawrence, Spencer Robert ..... Newcomerstown, O.
LeBlanc, Anne Hartie ..... Newark, O.
Leitch, James K. ..... Dormont, Pa.
Lemon, Joseph Ramsey ..... Morning Sun, O.
LePage, David ..... Cumberland, O.
Lewis, Cleon Robert ..... McKeesport, Pa.
Livingston, Dean McKinley ..... Columbus, O.
Logan, Edith Margaret ..... Cambridge, O.
Logan, William McCullough ..... Cambridge, O.
Lorimor, Florence Pauline ..... Ontario, O.
Lowrey, Leonard, William ..... Cambridge, O.
McAllister, Hiram Franklin ..... Parnassus, Pa.
McBane, Donald Barclay ..... Bergholz, O.
McCall, Justus Dunbar ..... New Concord, O
McCance, Mary Louise ..... New Concord, O.

McCleery, Richard Hamilton ..... Washington, Ia.
McConnelee, Fred John ..... New Concord, O.
McConnell, Eloise Rebecca ..... New Concord, O.
McConnell, Eugene Edward ..... New Concord, O.
McCormack, Clara Mae ..... Cambridge, O.
McCormick, George Asa ..... Avonmore, Pa.
McCracken, Harry Kermit ..... Cambridge, O.
McCreary, William ..... Byesville, O.
McCreight, Granville Corwin, Jr. ..... Willard, O.
McCune, George Harold ..... Bellevue, Pa.
McCune, Robert ..... Pittsburgh, Pa.
McFadden, Margaret Emily ..... Philadelphia, Pa.
McGraw, William Ralph ..... Bridgeport, O.
McMahan, Dorothy ..... Leith, O.
McMaster, Elizabeth Reid ..... Youngstown, O.
McMillen, Freda Mae ..... Cambridge, O.
McNees, Marian Sarah ..... North Washington, Pa.
McQuiston, Martha Elizabeth ..... College Corner, O.
McQuiston, Robert Ewing ..... College Corner, O.
Mace, James Stiles ..... Ben Avon, Pa.
Magill, Vincent William ..... Aspinwall, Pa.
Mallett, Hugh Orlando ..... Summerfield, O.
Mann, Leroy Faris ..... Morning Sun, O.
Marshall, Robert James, Jr. ..... East Liverpool, O.
Marshall, Walter Eugene ..... New Concord, O.
Martin, Victor Oliver ..... Cumberland, O.
Maxwell, Eva Charlotte ..... Chandlersville, O.
Meade, Velma Hazel ..... Barnesville, O.
Miller, Amelia Emeline ..... Lewiston, Pa.
Miller, George ..... Shadyside, O.
Miller, Sara Bertha ..... Cambridge, O.
Milligan, Dorothy Blanche ..... Cambridge, O.
Mitchell, Robert Hamilton ..... Philadelphia, Pa.
Monroe, Wilbur ..... Cumberland, O.
Montgomery, Alice Elizabeth ..... New Concord, O.
Montgomery, Paul Spence ..... New Concord, O.
Moore, Carl Louis ..... Oakdale, Pa.
Moore, Frances Holmes ..... Crafton, Pa.
Moore, Harry Leslie ..... Quaker City, O.
Moore, John Leslie ..... Xenia, O.
Moore, Mary Elsie ..... Butler, Pa.
Moore, Robert Duff ..... New Concord, O.
Moorman, Alice Mary ..... South Connellsville, Pa.
Morris, Lucile Blanche ..... Bridgeport, O.
Morrow, Velma Ray ..... Quaker City, O.
Munger, Ruth Marguerite ..... Lakeside, O.
Murphy, Wilmot George ..... Hendrysburg, O.
Murray, Margaret Elizabeth ..... New Concord, O.
Myers, Mary Frances ..... Connellsville, Pa.
Myers, Mineveive ..... Northfield, O.
Neptune, Howard ..... New Concord, O.
Nesbit, Janet Elizabeth ..... Zafarwal, India
Nicely, Clifford Clark ..... East Palestine, O.
Nichol, Harry Archibald ..... Indiana, Pa.
Nicholson, Jacob Edwin ..... Byesville, O.
Orr, J. Alvin, Jr. ..... Pittsburgh, Pa.
Paxton, Maude Elizabeth ..... College Corner, O.
Paxton, Samuel Shera ..... College Corner, O.
Peterson, Howard Worthington ..... Steubenville, O.
Pickens, Martha Gertrude ..... Martins Ferry, O.
Pitt, William Page ..... Shinnston, W. Va.

Plumer, Alice Elizabeth ..... Marietta, O.
Post, McClain ..... Washington, Pa.
Potts, Margaret Marie ..... Cambridge, O.
Pounds, Eugene Irvin ..... Indiana, Pa.
Powell, Doris Jane ..... Kittanning, Pa.
Pyles, Lucile Mary ..... Cambridge, O.
Ralston, Howard Lamont ..... Claysville, O.
Ramage, Samuel Kirk ..... Warnock, O.
Rea, Helen Louise ..... Youngstown, O.
Reitz, Mary Eunice ..... Johnstown, Pa.
Ritchey, Newell Wayne ..... Flushing, O.
Robe, Eugene Albert ..... New Concord, O.
Rogers, Clayton Marvin ..... Cambridge, O.
Ross, Edna Blanche ..... Pleasant City, O.
Rusk, Ella Gwendolyn ..... Sonora, O.
Rutan, Bartley ..... Cameron, W. Va.
Schultze, Herbert Glynn ..... Middletown, Pa.
Sells, Inez Fern ..... Neffs, O.
Shane, Lois Elizabeth ..... Philadelphia, Pa.
Shane, William Campbell ..... Cuddy, Pa.
Shaw, Elizabeth ..... Utica, O.
Shepherd, Mary Rebecca ..... Fairview, O.
Shepler, John Erwin ..... New Concord, O.
Shillito, Wilma Scott ..... Burgettstown, Pa.
Sigman, Irene Mary ..... Byesville, O.
Sims, Carl ..... Cameron, W. Va.
Skinner, Rachel Zora ..... Mount Perry, O.
Smith, John Coventry ..... Elyria, O.
Smith, Paul ..... Quaker City, O.
Smock, Edith Mary ..... New Concord, O.
Sommer, Raymond ..... Macedonia, O.
Spencer, Margaret Louise ..... Barnesville, O.
Squibb, David Bales ..... Cambridge, O.
Steele, Georgia Winifred ..... Camden, O.
Steele, Harford Asbury ..... Lore City, O.
Stephens, Harry Glenn ..... Indiana, Pa.
Stevens, Marian ..... New Philadelphia, O.
Stevenson, Martha Louise ..... Cambridge, O.
Stewart, Jean Verner ..... Arnold, Pa.
Stewart, John Oldham ..... Cambridge, O.
Stewart, Maud Eva ..... Zanesville, O.
Stinson, Mary Winifred ..... Utica, O.
Strong, Hazel Marjorie ..... Paxton, Ill.
Taggart, Margaret Edith ..... East Palestine, O.
Thompson, Marguerite ..... Norwich, O.
Thompson, Paul McCullough ..... Mt. Perry, O.
Trenner, Alice Virginia ..... Cambridge, O.
Tribbie, Mary Kathryn ..... Steubenville, O.
Trimble, Ruth Irene ..... Butler, Pa.
Tromans, Gladys Olive ..... Philadelphia, Pa.
Tweedie, Margaret Agnes ..... Walton, N. Y.
Vance, Bernice Luella ..... Cambridge, O.
Virtue, Ross Maynard ..... Hanover, Ill.
Walton, James Meyn ..... Moundsville, W. Va.
Ward, Donald Wilson ..... Cumberland, O.
Watson, William Glenn ..... Fairpoint, O.
Watt, Eula Marjorie ..... Greenfield, O.
Watt, Mary Mildred ..... Belmont, O.
Webster, Dale ..... Quaker City, O.
Wells, Mary Olive ..... Barnesville, O.

Wells, May Thyra ..... Coshocton, O.
Westlake, Helen Mae ..... Steubenville, O.
Whitehead, Mary Jane Lauretta ..... Hoopeston, Ill.
Wilder, Marian Lena ..... Elyria, O.
Williams, Charlotte Edith ..... Martins Ferry, O.
Wilson, Martha Ashton ..... Ben Avon, Pa.
Winter, Paul Kenneth ..... Sandwich, Ill.
Woods, Robert McDill ..... Princeton, Ind.
Worthington, Harry Cohagen ..... Columbus, O.
Worthington, Hilda ..... Peasant City, O.
Wray, Robert Perry ..... North Washington, Pa.
Wright, Elvira Clara ..... College Corner, O.
Wright, Grace Isabell ..... Oxford, O.
Wymer, Mary Faye ..... St. Joseph, Mo.
Young, Pearl Leota ..... Birds Run, O.
Zink, Frank Bernhardt ..... Pittsburgh, Pa.

UNCLASSIFIED COLLEGE STUDENTS 1921-22

Brown, Lewis ..... Wilkinsburg, Pa.
Downing, Elsie Ruth ..... Emsworth, Pa.
Duncan, Lawrence Barr ..... New Concord, O.
Elliott, Carl Clarence ..... Norwich, O.
Gates, John Carter ..... Pierre, S. D.
Geyer, Donald Taylor ..... Norwich, O.
Hagopian, John ..... New Concord, O.
Irwin, Wilma ..... Norwich, O.
Keating, Joseph, Jr. ..... Philadelphia, Pa.
Kindle, Margaret ..... New Concord, O.
McCall, Mildred Eliza ..... Xenia, O.
Melone, Vera ..... New Concord, O.
Minnear, Howard B. ..... Norwich, O.
Prugh, Floyd Nesbit ..... Elderton, Pa.
Robison, Anna Kathryn ..... New Concord, O.
Trace, Harry Best ..... New Concord, O.
True, Claire Inez ..... Byesville, O.
Wallace, Virgil Aikin ..... Winterset, O.
Winget, Howard Earnest ..... Freeport, O.

MUSKINGUM ACADEMY

Senior Class 1921-1922

Alwood, Richard Onley ..... Greenwood, Va.
Ballenger, Grace ..... New Concord, O.
Bates, Charles Emmett ..... Sarahsville, O.
Best, John Edgar ..... New Concord, O.
Booth, Agnes Genevieve ..... New Concord, O.
Borton, James Loyal ..... New Concord, O.
Bauder, Floy ..... Elwood City, Pa.
Braden, Harold ..... Beaver Falls, Pa.
Brown, A. C. ..... McConnelsville, O.
Burris, Walter Craig ..... Bolivar, O.
Christy, Howard Paul ..... Zanesville, O.
Crawford, Robert France ..... Gibsonia, Pa.
Cunningham, Theodore Miller ..... McAlevy's Fort, Pa.
Dew, Winifred Elizabeth ..... New Concord, O.
Dixon, Anna Mary ..... New Concord, O.
Duncan, Lawrence Barr ..... New Concord, O.
Elliott, Carl Clarence ..... Norwich, O.
Fraser, Anna ..... Youngstown, O.
Fairchild, Wilbert Grant ..... New Concord, O.

Ford, Earl William ..... Cambridge, O.
Gardner, Charles McCool ..... Neffs, O.
Geyer, Donald Taylor ..... Norwich, O.
Gibson, Edna Mae ..... New Concord, O.
Giffen, Evangeline ..... New Concord, O.
Given, Harry ..... New Concord, O.
Grimes, Lois Clarissa ..... Kimbolton, O.
Guyton, Marguerite Agnes ..... Pittsburgh, Pa.
Hagopian, John ..... New Concord, O.
Harrison, Robert Clay ..... Pittsburgh, Pa.
Irwin, Wilma Iva ..... Norwich, O.
John, Edgar ..... Chester, W. Va.
Kindle, Margaret ..... New Concord, O.
Law, Alice Mabel ..... New Concord, O.
Lemmon, Wilma Leola ..... New Concord, O.
Linn, Reba Daugherty ..... Lore City, O.
McBride, John Vance ..... Pittsburgh, Pa.
McCall, Justus ..... New Concord, O.
McCall, Mildred ..... Xenia, O.
McFetridge, Mary Ried ..... St. Clairsville, O.
McMaster, Elizabeth ..... Youngstown, O.
Martin, Eugene Houseman ..... New Concord, O.
Merryman, Mary Lucile ..... Quaker City, O.
Miller, Charles Dugan ..... New Concord, O
Minnear, Howard Bertus ..... Norwich, O.
Moore, Leslie ..... Quaker City, O.
Montgomery, Luther Alexander ..... New Concord, O.
Morgan, Edward Howard ..... New Concord, O.
Morris, Irene Anna ..... New Concord, O.
Morrow, Nancy Jane ..... Cambridge, O.
Mossholder, Mildred Virginia ..... New Concord, O.
Neptune, Elma Jenesta ..... New Concord, O.
Payne, Genius Turner ..... New Concord, O.
Prugh, Floyd ..... Elderton, Pa.
Rankin, Clifford Andrew ..... Cambridge, O.
Reed, Ernest Lester ..... Sarahsville, O.
Reed, David Paul ..... New Concord, O.
Robison, Anna Kathryn ..... New Concord, O.
Robinson, William Harvey ..... Chicago, Ill.
Shepherd, Frank Leonard ..... New Concord, O.
Slater, Paul Dwight ..... New Concord, O.
Speck, Marie ..... New Concord, O.
Sommers, Raymond ..... Macedonia, O.
Stewart, Roy ..... New Concord, O.
Stone, Louisa Ferne ..... Derwent, O.
Thompson, Lillian Roena ..... New Concord, O.
Thompson, Paul ..... Mt. Perry, O.
Trace, Harry ..... New Concord, O.
Wallace, Virgil Aikin ..... Winterset, O.
Walton, James ..... Moundsville, W. Va.
Watson, Elizabeth Mae ..... New Concord, O.
Williams, Lydia ..... New Concord, O.
Wilson, Margaret ..... New Concord, O.
Winget, Howard Ernest ..... Freeport, O.
Woodburn, Robert Paul ..... Grinnell, Iowa
Young, Emma Ruth ..... New Concord, O.

Third Year 1921-1922

Askren, Robert Leslie ..... Fayoum, Egypt
Boyd, Arthur Melton ..... New Concord, O.
Cunningham, Roscoe ..... New Concord, O.
Forsythe, Homer David ..... New Concord, O.
Fritter, Charles Eldon ..... Quaker City, O.
Geyer, Lou Ann ..... New Concord, O.
Gillogly, Iris Irene ..... New Concord, O.
Gunn, James Stuart ..... Kimbolton, O.
Hall, Forest Webster ..... Cambridge, O.
Hanna, Eunice Jane ..... Quaker City, O.
Hicks, John Leland ..... Zanesville, O.
Hill, Eric L. A. ..... Newark, N. J.
Hobbs, John Alonyo ..... Zanesville, O.
Hughes, Robert Alexander ..... New Concord, O.
Jerles, Irma Bell ..... New Concord, O.
Kelsey, Margaret ..... New Concord, O.
Kirk, Harold Holmes ..... New Concord, O.
Leeper, Margaret Allen ..... New Concord, O.
Lemmon, Delmar Clayton ..... New Concord, O.
McCall, Gladys Geneva ..... New Concord, O.
McCall, William Clelep ..... New Concord, O.
Mintier, Harold Nichol ..... New Concord, O.
Moore, Esther Lois ..... Norwich, O.
Noble, John Leo ..... New Concord, O.
Payne, Leota Pearl ..... New Concord, O.
Pitts, Lorain ..... Norwich, O.
Reed, Samuel ..... Fairview, O.
Sharrock, Mary Belle ..... New Concord, O.
Shepherd, David Harold ..... New Concord, O.
Smith, Emma Florence ..... New Concord, O.
Stone, Bernadine ..... Claysville, O.
Watson, Hazel Ruth ..... New Concord, O.
White, William Wilson ..... New Concord, O.
Young, Leila A'Drey ..... New Concord, O.

Sophomore Class 1921-1922

Amspoker, Charles William ..... New Concord, O., R. F. D. 4
Anderson, Anna Eleanor ..... New Concord, O.
Bain, J. Herbert ..... New Concord, O.
Brown, Nellie Faye ..... New Concord, O.
Conn, Brenda Marcella ..... Zanesville, O.
Cramblett, Freeman Luther ..... Norwich, O., R. F. D. 2
Daugherty, Helen ..... New Concord, O.
Davis, Blanch Irene ..... New Concord, O.
Denham, Emerson Ferrell ..... New Concord, O.
Downing, Herbert C. ..... New Concord, O.
Duff, William C. ..... New Concord, O.
Durr,, Ralph Edward ..... Glencoe, O.
Elliott, Gladys E. ..... New Concord, O.
Ford, Mary Alma ..... New Concord, O.
Giffen, James Revier ..... New Concord, O.
Green, Harold Alvin ..... Adamsville, O.
Groves, Marjorie Melba ..... New Concord, O.
Hanna, Florence Ruth ..... Quaker City, O.
Kindle, Agnes Grace ..... New Concord, O.
Maddy, Nancy Ruth ..... New Concord, O.
Mehaffey, Carrie Belle ..... New Concord, O.
Mock, Robert Lee ..... New Concord, O.

Morgan, Christine Marie ..... New Concord, O.
Morgan, Wayne ..... New Concord, O.
Morris, Emma Dean ..... Dilliner, Pa.
Moore, Frank ..... Cambridge, O., R. F. D. 9
Moore, Lester ..... New Concord, O.
Moore, William Gordon ..... New Concord, O.
Murrey, James Marcus ..... New Concord, O.
Moore, Edna ..... Norwich, O.
Park, Alfred Joseph ..... New Concord, O.
Park, Celia ..... Kimbolton, O., R. F. D. 4
Ringer, Thomas Everett ..... Cambridge, O., R. F. D. 9
Sarbaugh, Herman Donald ..... Dresden, O.
Shaw, Vernon Theodore ..... New Concord, O.
Sims, Homer Gilbert ..... New Concord, O.
Thompson, Beatrice Lee ..... New Concord, O , R. F. D. 1
Watson, Dorothy Merle ..... New Concord, O., R. F. D. 4
Watson, Gladys Geneva ..... New Concord, O., R. F. D. 4
Welch, J. Mac ..... New Concord, O.
Wilson, Harry Joseph ..... New Concord, O.
Wilson, Walter Coleman ..... New Concord, O.
Yaw, Leland ..... New Concord, O.

Freshman Class 1921-1922

Anderson, Mary Alice ..... New Concord, O.
Amspoker, Donald Miller ..... New Concord, O.
Blackstone, Irma Madalene ..... Zanesville, O.
Borton, Mary ..... New Concord, O.
Clagett, Robert Leslie ..... New Concord, O.
Cox, Wendell James ..... New Concord, O.
Davis, Howard Thomas ..... New Concord, O.
Dew, Lorena ..... New Concord, O.
Dudley, Eugene Edison ..... New Concord, O.
Durr, Gertrude ..... Glencoe, O.
Findley, Beatrice ..... Roseville, O.
Fronda, Bernard Samuel ..... Piqua, O.
Garner, Paul Clarence ..... New Concord, O.
Garner, Glen Frances ..... New Concord, O.
Gibson, Mabel Dae ..... New Concord, O.
Grimes, Jeanette Mabel ..... New Concord, O.
Hanes, Mary ..... New Concord, O.
Irwin, Lee Scott ..... New Concord, O.
Johnson, Frank ..... New Concord, O.
Lytle, Louis William ..... Pittsburgh, Pa.
Kirk, Virginia Mary ..... New Concord, O.
Leeper, John Morrison ..... New Concord, O.
Maddy, Esther Faye ..... New Concord, O.
McCance, Orra Alvenia ..... New Concord, O.
McConnell, Bernadine ..... New Concord, O.
McConagha, George Alexander ..... New Concord, O.
McCreary, Dorothy Ruth ..... New Concord, O.
McDonald, Esther Bernadine ..... Zanesville, O.
Mehaffey, Pearl Loueta ..... New Concord, O.
Mehaffey. Raymond ..... New Concord, O.
Messerschmidt, Ernest ..... New Concord, O.
Miller, Harry ..... New Concord, O.
Montgomery, Jewett Arthur ..... New Concord, O.
Morgan, Evelyn Ruth ..... New Concord, O.
Morris, Arthur Kenneth ..... New Concord, O.
Morrow, Cora Lucille ..... New Concord, O.
Murrey, Mildred Marie ..... New Concord, O.

Mustard, Martha Elizabeth ..... New Concord, O.
Neptune, Florence Marguerite ..... New Concord, O.
Nesbitt, John Gwild ..... New Concord, O.
Nesbitt, Robert Henry ..... New Concord, O.
Noble, Thelma Bernadine ..... New Concord, O.
Robison, Ruthie Lee ..... New Concord, O.
Scott, Ruth Cordelia ..... Cambridge, O.
Scott, Ralph ..... Cambridge, O.
Sims, Mary Gertrude ..... New Concord, O.
Starnes, Esther Beulah ..... New Concord, O.
Shepherd, Erskine Thomas ..... New Concord, O.
Shepherd, Lytle Eugene ..... New Concord, O.
Thom, Hattie Margaret ..... New Concord, O.
Thompson, Olive Margaret ..... New Concord, O.
Vetter, Karl ..... Uniontown, Pa.
Waddle, Margaret Bessie ..... New Concord, O.
Waddle, Elizabeth Hazel ..... New Concord, O.
White, Mac St. Clair ..... New Concord, O.
Wilson, Raymond Ralston ..... New Concord, O.
Wylie, Alice ..... New Concord, O.

SUMMER SCHOOL 1921

Abel, Sarah ..... Cambridge, O.
Ackley, Mary ..... Belle Valley, O.
Adkinson, Ethel Bernice ..... Macksburg, O.
Alexander, Mary King ..... Neffs, O.
Allen, Dora ..... Cambridge, O.
Alloway, Jennie Rebecca ..... Cambridge, O.
Amspoker, Lula ..... Newark, O.
Arrington, Lewis Aaron ..... Mansfield, O.
Askren, Robert Leslie ..... Fayoum, Egypt
Atkins, Marian ..... Cambridge, O.
Ault, Mary Pauline ..... Bellaire, O.
Bailey, Helen Elizabeth ..... Barnesville, O.
Baker, Virgil Lyle ..... New Concord, O.
Ball, Bernice ..... Caldwell, O.
Ballenger, Frank Edward ..... New Concord, O.
Bankes, Alice Fannie ..... Portersville, O.
Bankes, William Lang ..... Portersville, O.
Barker, Leroy ..... Sardis, O.
Barnes, Besse ..... Whigville, O.
Barnes, Clay ..... Columbus, O.
Barnett, Harold ..... Caldwell, O.
Barr, Lorea Veta ..... Roseville, O.
Barrackman, Gladys ..... Speidel, O.
Bay, Floyd Fleming ..... New Concord, O.
Bay, Mary Anderson ..... Cumberland, O.
Beighley, Otto Paul ..... East McKeesport, Pa.
Bell, Blanche Elizabeth ..... Antrim, O.
Bell, Eula ..... Cambridge, O.
Bell, Olive ..... Cambridge, O.
Bendure, Clarence E. ..... Freeport, O.
Bennet, Magel Marguerite ..... Quaker City, O.
Bennet, Mary Florence ..... Cambridge, O.
Betts, Charles ..... Batesville, O.
Betts, Ralph Robert ..... Batesville, O.
Betz, Costin Dennis ..... Blue Rock, O.
Bevington, Merle Mowbray ..... Quaker City, O.
Beymer, Mary Louise ..... Sarahsville, O.
Bishop, Dreyford Clark ..... Summerfield, O.

Blackburn, Norris ..... Coal Run, O.
Blattler, Howard ..... Beallsville, O.
Boggs, Maxwell Patterson ..... Valencia, Pa.
Bonar, Roy ..... Shadyside, O.
Bowers, Delbert Laurell ..... Gilmore, O.
Boyd, Clara P. ..... South Olive, O.
Boyd, Oral Cecelia ..... Barnesville, O.
Boyer, Margaret Benigna ..... Coshocton, O.
Brannan, A. Kate ..... Dresden, O.
Breen, Mary Margaret ..... Freeport, O.
Bright, Mildred Pauline ..... Alledonia, O.
Brothers, Helen Gould ..... Claysville, O.
Brothers, Mabel Clare ..... Claysville, O.
Brown, Helen Ruth ..... Martins Ferry, O.
Brown, Lenora Freda ..... Lore City, O.
Brown, Ruth Philabean ..... Bellaire, O.
Bryslan, Clarence Sylvanus ..... Chandlersville, O.
Buckey, Freda Blanche ..... Ava, O.
Buker, Werner Elmer ..... Norwich, O.
Burns, Granville Willard ..... Belmont, O.
Burns, Helen ..... Belmont, O.
Burris, Walter Craig ..... Freeport, O.
Burson, Donald M. ..... Hendrysburg, O.
Burson, Velma ..... Salesville, O.
Byers, J. Robert ..... Atlas, O.
Caldwell, Emma Viola ..... New Concord, O.
Callian, Nellie ..... Cumberland, O.
Carman, Frances Alberta ..... Belmont, O.
Carpenter, Doris ..... Powhattan, O.
Carr, Ina ..... Newcomerstown, O.
Carrell, Mabel Glyde ..... Spratt, O.
Carson, Besse Carrine ..... Bergholz, O.
Cater, Mary Elizabeth ..... Pleasant City, O.
Catherman, Clair ..... Youngstown, O.
Cathers, Lillian Mae ..... Bellaire, O.
Cherry, Julia ..... Belmont, O.
Cherry, Raymond Hutchison ..... Xenia, O.
Clark, Beulah Belle ..... Pleasant City, O.
Clarke, Howard Lemoine ..... Tippecanoe, O.
Cleland, James Wallace ..... Philadelphia, Pa.
Cline, Dorothy Alice ..... Cambridge, O.
Cline, Gertrude ..... Batesville, O.
Cline, Mary ..... Batesville, O.
Collins, Myra Bernice ..... Bethesda, O.
Collins, Ruth Letha ..... New Concord, O.
Compher, Sadie Corinna ..... Piedmont, O.
Conaway, Grace ..... Alledonia, O.
Conaway, Hazel ..... Bethesda, O.
Conaway, Mary ..... Alledonia, O.
Conger, Hamer Kenzel ..... Chandlersville, O.
Conrow, Gertrude ..... Flushing, O.
Copeland, Amos Earl ..... Barnesville, O.
Copeland, Tillie ..... Barnesville, O.
Corbett, Maud ..... Bellaire, O.
Corwin, Lorna May ..... Senecaville, O.
Corwin, Winfield ..... Senecaville, O.
Couden, Hazel Anna ..... New Concord, O.
Cox, Fern ..... Bellaire, O.
Cox, Irene Elizabeth ..... Cambridge, O.
Cox, William ..... New Concord, O.
Craig, Hazel Isabelle ..... Martins Ferry, O.

Craigo, Fred Harlon ..... Gilmore, O.
Criswell, Delora May ..... Plainfield, O.
Crowe, Mary Ann ..... Cumberland, O.
Crum, Clarence A. ..... Summerfield, O.
Crum, Ruby ..... Summerfield, O.
Cryder, Luman Dallas ..... Tippecanoe, O.
Culbertson, Malcolm ..... Cumberland, O.
Cunningham, Edward Ralph ..... Whigville, O.
Cunningham, Margaret Dae ..... McConnelsville, O.
Curtis, Ethel ..... Nashport, O.
Curtis, Isaac Wilson ..... Summerfield, O.
Curtis, Raymond Lawrence ..... Summerfield, O.
Dallas, Margaret Ann ..... Hammondsville, O.
Darner, Ethel May ..... Adamsville, O.
Davidson, Lillie Mae ..... Cambridge, O.
Davies, Mona Louise ..... Zanesville, O.
Davis, Adelbert G. ..... Barnesville, O.
Davis, Eva Lydia ..... Bethesda, O.
Davis, Merle ..... Caldwell, O.
Dawson, Bessie ..... Guernsey, O.
Dawson, Olive Helen ..... Neffs, O.
Derr, Lena Kathryn ..... Plainsfield, O.
DeVol, Lucy Byington ..... Beverly, O.
DeVolld, Verna May ..... Caldwell, O.
Devore, George Neville ..... Woodsfield, O.
Dew, Winifred ..... New Concord, O.
Dickerson, Bessie ..... Cumberland, O.
Dickerson, Ernestine ..... Coshocton, O.
Dillon, Samuel Hayden ..... Graysville, O.
Dougan, Letha M. ..... Zanesville, O.
Downing, Lucile ..... New Concord, O.
Drake, Faye ..... Pleasant City, O.
Dudley, Lura ..... Pleasant City, O.
Dunlap, Christiana ..... Harlem Springs, O.
Dunn, Faye ..... Uniontown, O.
Dye, Franklin Foster ..... Reinersville, O.
Dye, Helen Garnet ..... Caldwell, O.
Enos, Esta Lora ..... Cumberland, O.
Evans, Edith Evelyn ..... Brokaw, O.
Everett, Anna ..... Lisbon, O.
Falconer, Mary Helen ..... East Liverpool, O.
Farley, Edith ..... Zanesville, O.
Farnell, Helen Gould ..... Martins Ferry, O.
Favot, Dena ..... Warnock, O.
Ferguson, Samuel Vincent ..... Cambridge, O.
Finley, Harry DaCosta ..... New Concord, O.
Fisher, Audrey ..... Spiedel, O.
Fisher, Inez ..... Spiedel, O.
Fogle, Chloe Irene ..... Caldwell, O.
Forrest, Russel Reason ..... Sardis, O.
Forshey, John William ..... Summerfield, O.
Foster ,Minnie Pearl ..... Caldwell, O.
Fowler, Mary Isabel ..... Coshocton, O.
Frazier, Esther Lucille ..... Frazeysburg, O.
Frazier, Olen B. ..... Cumberland, O.
Frazier, Opal Lucille ..... Cumberland, O.
Freeland, John Russell ..... Beverly, O.
Fries, C. C. ..... Frazeysburg, O.
Frost, Arlo Harridon ..... Belmont, O.
Gallagher, Wilma ..... Antrim, O.
Gannon, Harry Louis ..... Reinersville, O.

Gant, Homer Francis ..... Whigville, O.
Gardner, Martha ..... Old Washington, O.
Gattrell, Lucille Mabelle ..... Freeport, O.
Geyer, Lou Ann ..... New Concord, O.
Gibeant, Ralph ..... Spratt, O.
Gibson, Edna Mae ..... New Concord, O.
Gibson, Lula Pearle ..... Kimbolton, O.
Giffen, Libbia Sleeth ..... New Concord, O.
Gilliland, Gladys ..... Reinersville, O.
Gillis, Paul McBride ..... Pittsburgh, Pa.
Gillogly, Georgia Elverda ..... New Concord, O.
Given, Mary Hazel ..... New Concord, O.
Glass, Mae Bell ..... Wooster, O.
Goodman, Clara Luella ..... Bethesda, O.
Grafton, Helen Finney ..... Bellaire, O.
Graham, Cary Bates ..... Cumberland, O.
Grandstaff, Harry Edgar ..... Reinersville, O.
Grassell, Virginia Belle ..... Zanesville, O.
Gray, Allie Luella ..... Lore City, O.
Gray, Frances Willard ..... New Concord, O.
Green, Clara ..... Adamsville, O.
Gregg, Wilbur Irwin ..... Belmont, O.
Griggs, Donfard Darwin ..... Beverly, O.
Grimes, John Wayne ..... Sarahsville, O.
Groves, Elizabeth ..... New Concord, O.
Guthridge, Lena Olive ..... Brownsville, O.
Hall, Edwin ..... Cumberland, O.
Hanna, Eunice Jane ..... Quaker City, O.
Hanna, Florence ..... Quaker City, O.
Hanna, Lena Belle ..... Quaker City, O.
Harding, Mary Estella ..... Old Washington, O.
Harper, Florence Augusta ..... Coal Run, O.
Harper, John Curtis ..... Senecaville, O.
Harris, Dortha ..... Quaker City, O.
Harris, Ethel ..... Quaker City, O.
Harrison, Gertrude Amelia ..... Newark, O.
Hart, Cuma Cledith ..... Lore City, O.
Hart, Frances ..... Beverly, O.
Hartup, Lela May ..... Lore City, O.
Hathhorn, Minnie Lois ..... Bellaire, O.
Headley, Marylois ..... Caldwell, O.
Heaney, Alice Hazel ..... Bethesda, O.
Helter, Faye Elizabeth ..... Gnadenhutten, O.
Henderson, Edna ..... Quaker City, O.
Hennen, Pearl ..... Cambridge, O.
Herron, Mary Elizabeth ..... Cumberland, O.
Hertzog, Mary Esther ..... Morristown, O.
Hill, Harold Harper ..... Reinersville, O.
Hill, Lois Jeanette ..... Reinersville, O.
Hines, Charles William ..... Barnesville, O.
Hoffman, Lee Alexander ..... Senecaville, O.
Holden, Pearle Sidney ..... Bethesda, O.
Hoover, Helen Preston ..... Black Run, O.
Horn, Hazel ..... Newcomerstown, O.
Howell, Helen Elizabeth ..... Somerton, O.
Hume, Clarence Bertran ..... Caldwell, O.
Hunnell, Della Mae ..... Lore City, O.
Hunt, Frank Raymond ..... Gilmore, O.
Hunt, Mervin ..... West Lafayette, O.
Huntsman, Forrest McClellan ..... Barnesville, O.
Hussey, Emmett Spencer ..... White Cottage, O.

Irwin, Bessie Lorena ..... Bethesda, O.
Irwin, Wilma ..... Norwich, O.
Jackson, Ermy Hahn ..... New Concord, O.
Jeffers, Glen Bertice ..... Camden, O.
Jeffers, Warren ..... Belmont, O.
Jenkins, Clara Bernice ..... Lore City, O.
Jenkins, Olive Odessa ..... Bethesda, O.
Jennings, Olive ..... Caldwell, O.
Jerles, Erma Bell ..... New Concord, O.
Johnson, Alyce ..... Hanover, O.
Johnson, Maud ..... Cambridge, O.
Johnston, Edna Claudine ..... Salesville, O.
Johnston, Mary Alice ..... Salesville, O.
Jones, Isabel LaFever ..... Mt .Vernon, O.
Jones, Roy Robinson ..... Spratt, O.
Kathary, Mildred ..... Macksburg, O.
Kaufman, Ruth ..... Coshocton, O..
Kean, Steward Robinson ..... Carrollton, O.
Keating, Joseph, Jr. ..... Philadelphia, Pa.
Kelly, Mildred Louise ..... Zanesville, O.
Kemp, Athol ..... Buffalo, O.
Kettlewell, Minnie Elizabeth ..... Armstrong's Mills, O.
Kildow, Mary Erma ..... Bethesda, O.
Kindle, Margaret ..... New Concord, O.
Kurth, Freda ..... Bellaire, O.
Lake, Clara Olive ..... Cambridge, O.
Lake, Mary Lucille ..... Freeport, O.
Lancaster, Dorothy Jean ..... Bellaire, O.
Laughman, Ava Marie ..... Salesville, O.
Law, Alice Mabel ..... New Concord, O.
Lawrence, Ada Mae ..... Dexter City, O.
Layman, Mabel ..... Quaker City, O.
LeBlanc, Laura Sophrina ..... Newark, O.
Leach, Hazel A. ..... Bellaire, O.
Ledman, James Thoburn ..... New Concord, O.
Ledman, Margaret A. ..... New Concord, O.
Lemmon, Wilma ..... New Concord, O.
Leonard, Geneva ..... Salesville, O.
Linch, Mary Charlotte ..... Wheeling, W. Va.
Love, Lillian ..... Caldwell, O.
Lowe, Clair Ernest ..... Reinersville, O.
Ludwig, Dolores Lucille ..... Plainfield, O.
Lyle, Emma ..... St. Clairsville, O.
McAllister, Lowell ..... West Lafayette, O.
McAuley, Mary ..... Mt. Ephraim, O.
McBane, Eleanor ..... East Liverpool, O.
McBane, Donald Barclay ..... Bergholz, O.
McBride, John Vance ..... Pittsburgh, Pa.
McCall, Justus Dunbar ..... New Concord, O.
McCance, Jessie ..... New Concord, O.
McClaine, Hettie Olive ..... New Concord, O.
McCoid, Willis ..... Duncan Falls, O.
McConnell, Eloise Rebecca ..... New Concord, O.
McCracken, Bertha Elizabeth ..... Zanesville, O.
McCracken, Carrie Blanche ..... Zanesville, O.
McDonald, Mabel ..... New Concord, O.
McElheiney, Richard Alfred ..... McConnelsville, O.
McFadden. Harry Lee ..... Guernsey, O.
McFarland, Lela Louise ..... South Olive, O.
McFetridge, Mary Reed ..... St. Clairsville, O.
McGill, Oma ..... Caldwell, O.

McGlachan, Helen ..... Caldwell, O.
McHenry, Esther Ann ..... Byesville, O.
McHenry, Marie ..... Byesville, O.
McKee, Rhea Rhoda ..... Sharon, O.
McKee, Sarah Mae ..... Caldwell, O.
McKisson, Charles Maywood ..... Belmont, O.
McLain, Anna ..... Irondale, O.
McLees, Beatrice Eugenia ..... Utica, O.
McLees, Eva A. ..... Utica, O.
McMillan, James V. ..... Somerton, O.
McMullen, Lucy Ruth ..... Gilmore, O.
McMullen, Mary Freeda ..... Gilmore, O.
McNutt, Edith Irene ..... Cumberland, O.
McVicker, Grace O. ..... Dresden, O.
Mahoney, Wilma Marie ..... Senecaville. O.
Mallett, Purcell ..... Summerfield, O.
Mann, Gertrude Evelyn ..... Cumberland, O.
Manor, Bernice ..... East Liverpool, O.
Marshall, Ralph Freeman ..... Lore City, O.
Martin, Gertrude ..... Bethesda, O.
Martin, Victor Oliver ..... Cumberland, O.
Mason, Catherine May ..... Cambridge, O.
Mason, Martha King ..... Cambridge, O.
Mason, Ophelia ..... Stafford, O.
Masters, Georgia Thelma ..... Belmont, O.
Matheny, Zola ..... Pleasant City, O.
Meek, Margaret M. ..... Shadyside, O.
Meitzer, Caroline ..... Byesville, O.
Mercer, Virginia ..... Summerfield, O.
Merritt, Hazel Isaphine ..... Caldwell, O.
Merritt, Lillian Inez ..... Caldwell, O.
Miller, Ada Wilma ..... Cumberland, O.
Miller, Lena ..... Port Washington, O.
Millhone, Ross ..... Senecaville, O.
Millhone, William ..... Cumberland, O.
Mintier, Harold ..... New Concord, O.
Miracle, Donald Roy ..... Summerfield, O.
Mitchell, Bell Myrtle ..... Cumberland, O.
Mock, Robert Lee ..... New Concord, O.
Monroe, Bruce ..... Cumberland, O.
Monroe, Clyde Earle ..... Claysville, O.
Monroe, Ella Ethel ..... Claysville, O.
Montgomery, Alice Elizabeth ..... New Concord, O.
Montgomery, A. Mary ..... Frazeysburg, O.
Montgomery, Luther ..... New Concord, O.
Moore, Annalie ..... New Concord, O.
Moore, Carl Finley ..... Cumberland, O.
Moore, Clark Dennis ..... Pleasant City, O.
Moore, Esther ..... Norwich, O.
Moore, William Ray ..... Utica, O.
Morgan, Eleanor Berenice ..... Lore City, O.
Morgan, Jean ..... New Concord, O.
Morgan, Robert Scott .....
Morgan, Vashti ..... New Concord, O.
Morgareidge, Mildred ..... South Olive, O.
Morris, Cynthia ..... Caldwell, O.
Morrow, Anna Margaret ..... Quaker City, O.
Mortimer, Bernice Vandalia ..... Frazeysburg, O.
Murphy, James Harold ..... Flushing, O.
Murphy, Mary Ethel ..... Millersburg, O.
Neff, Margaret Lucile ..... Neffs, O.
Newhart, Wilma Frances ..... Powhattan, O.

Newton, Pearl ..... Caldwell, O.
Oliver, Wayland W. ..... Pleasant City, O.
Osborne, Pearl Georgia ..... McConnelsville, O.
Osler, Florence G. ..... New Concord, O.
Paisley, Grace Marie ..... New Concord, O.
Parry, Winnie May ..... Caldwell, O.
Parsons, Seraph Dale ..... Bowerstown, O.
Patterson, Charles Russell ..... Freeport, O.
Peacock, Ralph W. ..... Houston, Pa.
Perkins, Earl Glenn ..... Belmont, O.
Perkins, Lela ..... Beallsville, O.
Peters, Bertha ..... Robins, O.
Peters, Gladys ..... Byesville, O.
Peterson, Howard Warner ..... Cumberland, O.
Phelps, Mary H. ..... Parkersburg, W. Va.
Pickens, Helen Lucile ..... Martins Ferry, O.
Pickens, Mary Emma ..... Martins Ferry, O.
Pollock, Thomas Clark ..... Philadelphia, Pa.
Pool, Idella Florence ..... Westerville, O.
Pool, Marybelle ..... Westerville, O.
Poulton, Charles Ernest ..... Temperanceville, O.
Powell, Boyd Zenas ..... Bethesda, O
Pugh, Estella ..... Ozark, O.
Pyles, Floy Edith ..... Macksburg, O.
Rankin, Anna ..... Norwich, O.
Rankin, George Thomas ..... Cambridge, O.
Rankin, Miller ..... New Concord, O.
Rankin, Olive Gladys ..... Armstrong's Mills, O.
Reed, Cary A. ..... Zanesville, O.
Reed, Philip Samuel ..... Quaker City, O.
Rehm, Mary Adams ..... St. Clairsville, O.
Reid, Mary Margaret ..... Lore City, O.
Rex, Paul Bryan ..... Reinersville, O.
Rice, Lillian Anna ..... New Concord, O.
Rich, Fidessa Marie ..... Salesville, O.
Rich, Lavella Lorena ..... Senecaville, O.
Riddle, Emily Olive ..... Martins Ferry, O.
Riesbeck, Laura ..... Zanesville, O.
Riggs, Charles Walter ..... Seneccaville, O.
Robe, Joseph W. ..... Democracy, O.
Robe, Thurlow Scott ..... New Concord, O.
Roberts, Leah ..... Cumberland, O.
Robinson, Mary Cecile ..... Lore City, O.
Robinson, J. H. ..... Quaker City, O.
Robinson, Mary Kyle ..... Bellaire, O.
Robinson, Mabel ..... Lore City, O.
Rockwell, Hazelle ..... Byesville, O.
Roe, Harold H. ..... Quaker City, O.
Roe, Verna Marie ..... Quaker City, O.
Rogers, Clayton Marven ..... Cambridge, O.
Roney, Virginia ..... Dresden, O.
Rose, Cora ..... Richmond, O.
Ross, Esther ..... New Concord, O.
Ross, Mary Blanche ..... Cumberland, O.
Ross, P. Virgil ..... Cambridge, O.
Rutherford, Chester Omar ..... Sarahsville, O.
Rutherford, Icel ..... Sarahsville, O.
Salsgiver, James ..... Avonmore, Pa.
Savage, Homer ..... Zanesville, O.
Sawyer, Eloise ..... New Concord, O.
Schaffer, Frank Clifford ..... Cambridge, O.

Schnelby, Clarissa Ann ..... Mt. Vernon, O.
Scott, Clyde William ..... Cumberland, O.
Scott, Elizabeth ..... Carrollton, O.
Scott, Harry James ..... New Concord, O.
Scott, Nola Benton ..... McConnelsville, O.
Sealock, Arthur Hubert ..... Reinersville, O.
Secrest, Herbert R. ..... Pleasant City, O.
Secrest, Wayne ..... Cumberland, O.
Sells, Inez ..... Neffs, O.
Shane, Hazel ..... Carrollton, O.
Sharrock, Mary Belle ..... New Concord, O.
Shaw, Elizabeth ..... Utica, O.
Sheffield, Florence Edna ..... Willoughby, O.
Shepherd, Earle Patterson ..... New Concord, O.
Shepherd, Frank Leonard ..... New Concord, O.
Shepherd, Newton Delbert ..... Freeport, O.
Shepler, Herbert ..... New Concord, O.
Shively, Helen Virginia ..... Batesville, O.
Shively, William T. ..... Batesville, O.
Smallwood, Mary Helen ..... Cambridge, O.
Smith, Alice M. ..... Reinersville, O.
Smith, Bryan Walter ..... New Concord, O.
Smith, Nannie Ruth ..... New Concord, O.
Smith, Rita Pearl ..... Reinersville, O.
Smith, Viola L. ..... Quaker City, O.
Smith, William Lynn ..... McConnelsville, O.
Speer, Sara Margaret ..... New Concord, O.
Sprague, Thomas Darrell ..... Otsego, O.
Stahl, Grace Elizabeth ..... Uhrichsville, O.
Steele, Fay Lura ..... Senecaville, O.
Steele, Ica Forest ..... Senecaville, O.
Stenger, Grant Stafford ..... Carrollton, O.
Stevens, Alva Austin ..... Quaker City, O.
Stevenson, Ford Clayton ..... Butler, Pa.
Stewart, Harry Byron ..... Salesville, O.
Stewart, Irene Gertrude ..... Caldwell, O.
Stewart, Louella ..... Cumberland, O.
Stitt, Nancyann ..... Dresden, O.
Stilts, Claude Alfred ..... Quaker City, O.
Stockdale, Carrie ..... Freeport, O.
Stocker, Ester Margaret ..... Kimbolton, O.
Stocker, Hazel ..... Homesville, O.
Stone, Louise ..... Derwent, O.
Stradley, Edward ..... Newark, O.
Strayer, Floyd ..... Maumee, O.
Stubbs, Mildred ..... Quaker City, O.
Sutton, David Homer ..... Stafford, O.
Sutton, Marietta Holmes ..... Chandlersville, O.
Tannehill, Esther Merril ..... Zanesville, O.
Taylor, Bessie ..... Norwich, O.
Taylor, Edythe Mae ..... Nashport, O.
Taylor, Ruth ..... Caldwell, O.
Tetirick, Martha Elizabeth ..... Winterset, O.
Thomas, Edna ..... Belmont, O.
Thompson, Audine Elizabeth ..... Altoona, Pa.
Thompson, Iva Vern ..... Harlem Springs, O.
Thompson, Mary Winifred ..... New Concord, O.
Thompson, Wilda ..... New Concord, O.
Tom, Lena May ..... New Concord, O.
Torbet, Dwight Keith ..... Malta, O.
Trace, Harry Best ..... New Concord, O.

Treherne, Elizabeth ..... Cambridge, O.
Trenner, Virginia Alice ..... New Concord, O.
Tromans, Nellie Evelyn ..... Philadelphia, Pa.
Trowbridge, Mary Rogers ..... Utica, O.
Tuttle, Alfred William ..... Batesville, O.
Tyson, Blanche Marie ..... Adamsville, O.
Tyson, Vera Pearl ..... Adamsville, O.
Uhl, Clarence Clum ..... Wooster, O.
Uhl, Leslie Remington ..... Killbuck, O.
Updegraff, Elizabeth Chambers ..... Martins Ferry, O.
Vale, Emma Virgil ..... Dillonvale, O.
Vance, Bernice Luella ..... Cambridge, O.
Vance, Mary Beulah ..... Cambridge, O.
Vance, Stella Eleanor ..... Cambridge, O.
VanDyne, Wilda Pearl ..... Jacobsburg, O.
Walker, Georgia June ..... Beckett, O.
Wallace, Harry Odus ..... Spratt, O.
Ward, Alberta May ..... Bellaire, O.
Warehime, Doris Lorena ..... Caldwell, O.
Warehime, Harold Earl ..... Cumberland, O.
Warehime, William Elmer ..... Caldwell, O.
Warfield, Fanchon ..... Dexter City, O.
Warne, Mary Bernice ..... Spratt, O.
Warnock, Mary Kinney ..... Warnock, O.
Warren, Marie ..... Neffs, O.
Watson, Dulcie Belle ..... Cambridge, O.
Watt, Mildred ..... Belmont, O.
Weaver, Emily ..... Hanover, O.
West, Estella Catherine ..... Quaker City, O.
Westcott, Charles Sidney ..... White Cottage, O.
Wheeler, Annabel ..... Sarahsville, O.
White, Clinton H. ..... Tippecanoe, O.
White, Josephine Ina ..... Morristown, O.
White, Lucile Juanita ..... Brokaw, O.
White, Taylor Gilbert ..... Clay City, Ky.
White, Wanda Marie ..... New Concord, O.
Wilkinson, Alice ..... Bellaire, O.
Williams, Hattie ..... Coshocton, O.
Williams, Lydia ..... New Concord, O.
Willis, Mary Lucille ..... Cambridge, O.
Wilson, Cleo Elizabeth ..... Beverly, O.
Wilson, Elwood ..... Cambridge, O.
Wilson, Harold Thomas ..... Beverly, O.
Wilson, Mary Beatrice ..... Cambridge, O.
Winget, Howard Ernest ..... Freeport, O.
Wintermantel, Minnie Katherine ..... Newark, O.
Wolford, Lyle ..... Frazeysburg, O.
Woodford, Bessie Belle ..... Caldwell, O.
Woodruff, Mary Louise ..... Caldwell, O.
Wootton, Jennet Mae ..... Cambridge, O.
Work, Owen James ..... Millersburg, O.
Wright, Grace Emma ..... Powhattan, O.
Wylie, Eleanor ..... New Concord, O.
Yerian, Maemery ..... Bellaire, O.
Yonally, Dewey ..... Harriettsville, O.
Young, Leila Andrew ..... New Concord, O.
Zangg, Mary Elizabeth ..... Layland, O.
Ziler, Vera Content ..... Cumberland, O.

CONSERVATORY OF MUSIC

Senior Class

Allison, Mary ..... McGrann, Pa.
Morgan, Helen ..... New Concord, O.
Shaw, Marian ..... Philadelphia, Pa.

Undergraduate Students

Pianoforte

Abbott, Winifred ..... Coshocton, O.
Allison, Mary ..... McGrann, Pa.
Anderson, Anna ..... New Concord, O.
Bauder, Floy ..... Ellwood City, Pa.
Beighley, Ruth ..... East McKeesport, Pa.
Bikle, Horace ..... Pittsburgh, Pa.
Brown, Esther ..... Senecaville, O.
Chambers, Ferne ..... Ellwood City, Pa.
Cowden, Hazel ..... New Concord, O.
Denison, Margaret ..... New Concord, O.
Douglas, Mary ..... Petroleum, W. Va.
Downing, Kenneth ..... New Concord, O.
Downing, Lucile ..... New Concord, O.
Friel, Kathleen ..... Lore City, O.
Graham, Lula ..... New Concord, O.
Glaunsinger, Margaret ..... Newark, O.
Goodman, Luella ..... Bethesda, O.
Grassel, Virginia ..... Zanesville, O.
Groves, Marjorie ..... New Concord, O.
Groves, Ellen ..... New Concord, O.
Groves, Mrs. S. ..... New Concord, O.
Hageman, Frederick ..... Bellevue, Pa.
Hartley, Lucille ..... Senecaville, O.
Hennen, Pearl ..... Cambridge, O.
Howell, Mary ..... Canonsburg, Pa.
Hunt, Delbert ..... West Lafayette, O.
Hyde, Helen ..... Marietta, O.
Infield, Julia ..... Zanesville, O.
Irwin, Bessie ..... Bethesda, O.
Jenkins, Olive ..... Bethesda, O.
Johnson, Dorothy ..... New Concord, O.
Jones, Albert ..... Pittsburgh, Pa.
Jones, Isabelle ..... Mt. Vernon, O.
Killough, Josephine ..... Philadelphia, Pa.
LeBlanc, Anne ..... Newark, O.
Linton, Ada ..... Quaker City, O.
Logan, William ..... Cambridge, O.
Lorimor, Florence ..... Ontario, O.
Mann, Gertrude ..... Cumberland, O.
Martin, Dora ..... New Concord, O.
Martin, Eugene ..... New Concord, O.
Melone, Vera ..... New Concord, O.
Montgomery, Alice ..... New Concord, O.
Morgan, Christine ..... New Concord, O.
Morris, Grace ..... Philadelphia, Pa.
Murrey, Margaret ..... New Concord, O.
McAllister, Lois ..... Waterman, Ill.
McConagha, Mary ..... New Concord, O.
McConnell, Eloise ..... New Concord, O.

McCormac, Marjorie ..... New Concord, O.
McCreary, Dorothy ..... New Concord, O.
Peacock, Ralph ..... Canonsburg, Pa.
Perkins, Lela ..... Beallesville, O.
Perkins, Pauline ..... Senecaville, O.
Ralston, Howard ..... Claysville, Pa.
Reitz, Mary ..... Johnstown, Pa.
Shane, Lois ..... Philadelphia, Pa.
Shaw, Marian ..... Philadelphia, Pa.
Silvers, Homer ..... Camden, O.
Smith, Thelma ..... Zanesville, O.
Stephenson, Gladys ..... Zanesville, O.
Stoneburner, June ..... Roseville, O.
Taggart, Margaret ..... East Palestine, O.
Thompson, Mabel ..... Fultonham, O.
Thompson, Marguerite ..... Norwich, O.
Ward, Margaret ..... New Concord, O.
Wells, Thyra ..... Coshocton, O.
Williams, Edith ..... Martins Ferry, O.
Wray, Robert ..... Washington, Pa.

Organ

Bikle, Horace ..... Pittsburgh, Pa.
Downing, Lucille ..... New Concord, O.
Hatch, Louis ..... East Liverpool, O.
Kelsey, Elizabeth ..... New Concord, O.
Keyes, Margaret ..... Cambridge, O.
Logan, Edythe ..... Cambridge, O.
Melone, Vera ..... New Concord, O.
Phelps, Mary ..... Parkersburg, W. Va.
Ralston, Howard ..... Claysville, Pa.
Ray, Mary ..... Cambridge, O.
Seright, Lucille ..... New Concord, O.
Shaw, Marian ..... Philadelphia, Pa.
Stoneburner, June ..... Roseville, O.
Wymer, Faye ..... St. Joseph, Mo.

Theory

Abbott, Winifred ..... Coshocton, O.
Allison, Mary ..... McGrann, Pa.
Beighley, Ruth ..... East McKeesport, Pa.
Boyd, Bernice ..... New Concord, O.
Brown, Esther ..... Senecaville, O.
Denison, Margaret ..... New Concord, O.
Doudna, Francis ..... Cambridge, O.
Downing, Lucille ..... New Concord, O.
Dugan, Rebecca ..... Cambridge, O.
Henderson, Roxie ..... New Concord, O.
Hageman, Ralph ..... Bellevue, Pa.
Hatch, Louis ..... East Liverpool, O.
Howell, Mary ..... Canonsburg, Pa.
Kindle, Margaret ..... New Concord, O.
Kelsey, Elizabeth ..... New Concord, O.
Livingston, Dean ..... Columbus, O.
Lorimor, Florence ..... Ontario, O.
Melone, Vera ..... New Concord, O.
Morgan, Helen ..... New Concord, O.
Murrey, Margaret ..... New Concord, O.

McConnell, Eloise ..... New Concord, O.
Ralston, Howard ..... Claysville, Pa.
Shaw, Marian ..... Philadelphia, Pa.
Shane, Hazel ..... Carrollton, O.
Silvers, Eugene ..... Camden, O.
Stoneburner, June ..... Roseville, O.
Taggart, Margaret ..... East Palestine, O.
Thompson, Marguerite ..... Norwich, O.
White, Oneta ..... New Concord, O.
Wymer, Faye ..... St. Joseph, Mo.

Public School Music

(For Supervisors)

Abbott, Winifred ..... Coshocton, O.
Lorimor, Florence ..... Ontario, O.
Taggart, Margaret ..... East Palestine, O.

Violin

Alloway, Lena ..... Cambridge, O.
Anderson, Edgar ..... Cambridge, O.
Askren, Leslie ..... Fayoum, Egypt
Bailey, Stephen ..... Cambridge, O.
Baker, Burnetta ..... Cambridge, O.
Barnes, George ..... Byesville, O.
Barnett, Harold ..... Caldwell, O.
Barnett, Verna ..... Cambridge, O.
Beighley, Ruth ..... East McKeesport, Pa.
Bond, Mary Margaret ..... Cambridge, O.
Booth, Agnes ..... New Concord, O.
Boring, Pearl ..... Crooksville, O.
Brown, Bessie ..... Cambridge, O.
Buckey, Carroll ..... Byesville, O.
Buckey, Charles ..... Cambridge, O.
Coleman, Kenneth ..... Cambridge, O.
Crow, Mildred ..... Cambridge, O.
Downing, Herbert ..... New Concord, O.
Dozer, Donald ..... Zanesville, O.
Dugan, Rebecca ..... Cambridge, O.
Durr, Gertrude ..... Glencoe, O.
Ewing, LeRoy ..... Cambridge, O.
Feldman, Milton ..... Zanesville, O.
Fenwick, Edward ..... Cambridge, O.
Ferbrache, Alice ..... Cambridge, O.
Fordyce, Charlene ..... Cambridge, O.
Gardner, Mabel ..... Zanesville, O.
Gibbon, Virginia ..... Zanesville, O.
Gibson, Helen ..... Cambridge, O.
Gibson, Marjorie ..... Cambridge, O.
Gregg, Mary Louise ..... Cambridge, O.
Grimes, Deane ..... New Concord, O.
Groves, Ellen ..... New Concord, O.
Groves, Marjorie ..... New Concord, O.
Guess, Norman ..... Zanesville, O.
Hartley, Lucile ..... Senecaville, O.
Hayfer, Henry ..... Cambridge, O.
Hendershot, William, Jr. ..... Zanesville, O.
Hommer, Frances ..... Cambridge, O.
Hood, Charles ..... Zanesville, O.

Howard, Paul	Zanesville, O.
Hutchison, Margaret	Cambridge, O.
Johnson, Helen	Cambridge, O.
Kelsey, Margaret	New Concord, O.
Kindle, Margaret	New Concord, O.
Knight, Marie	Byesville, O.
Leeper, Russell	Cambridge, O.
Lorimer, Lucile	Zanesville, O.
Lorimor, Florence	Ontario, O.
McConnell, Bernadine	New Concord, O.
McCreary, Richard	Cambridge, O.
McFadden, Sarah	Cambridge, O.
McLoughlin, Leo	Zanesville, O.
Maier, Harry	Cambridge, O.
Masters, Margaret	Cambridge, O.
Mautz, Laura	Cambridge, O.
Melone, Vera	New Concord, O.
Milder, Nathan	Zanesville, O.
Miller, Dorothy	Venetia, Pa.
Miller, Lucile	Cambridge, O.
Morgan, Helen	New Concord, O.
Morton, Gail	Cambridge, O.
Myers, Mary Frances	Zanesville, O.
Nesbitt, John	New Concord, O.
Neyman, Dorothy	Cambridge, O.
O'Neal, William	Zanesville, O.
Patterson, Nevin	Cambridge, O.
Patterson, Robert	Cambridge, O.
Patton, Roberta	Byesville, O.
Perkins, Pauline	Senecaville, O.
Priest, John, Jr.	Pleasant City, O.
Reed, Paul	New Concord, O.
Schecter, Sidney	Cambridge, O.
Scott, Martha	Cambridge, O.
Shuster, Cleo	Cambridge, O.
Smith, Mary Carolyn	Cambridge, O.
Spaid, Mary Leona	Cambridge, O.
Starr, Robert	Cambridge, O.
Stewart, Henry	Cambridge, O.
Stiles, Frances	Cambridge, O.
Stremmel, Kenneth	Zanesville, O.
Suitt, Russell	Cambridge, O.
Svoboda, Frank	Cambridge, O.
Taggart, Margaret	East Palestine, O.
Thompson, Audine	Altoona, Pa.
Tibbs, Harry	Cambridge, O.
Tibbs, Ruth	Cambridge, O.
Twinam, Velma	Crawfordsville, Iowa
Uhl, Leslie	Killbuck, O.
Ward, Gould	New Concord, O.
Washer, Sarah	Cambridge, O.
White, Oneta	New Concord, O.
Wilson, Lorinda	Cambridge, O.
Wooten, Jennett	Cambridge, O.

Voice

Abbott, Winifred	Coshocton, O.
Adams, Lucille	Pittsburgh, Pa.
Allison, Mary	McGrann, Pa.
Barnett, Margaret	Knoxville, Tenn.
Brown, Esther	Senecaville, O.

Brownlee, Jean ..... New Concord, O.
Chalfant, James ..... Steubenville, O.
Cowden, Hazel ..... New Concord, O.
Dallas, Margaret ..... Hammondsville, O.
Davis, Myrtle ..... Cedar Creek, Tenn.
Davis, Ray ..... New Concord, O.
Denison, Margaret ..... New Concord, O.
Dudley, Chloris ..... Pleasant City, O.
Dugan, Rebecca ..... Cambridge, O.
Finley, Elizabeth ..... New Concord, O.
Fitzwater, James ..... Chicago, Ill.
Flesher, Helen ..... Cairo, W. Va.
Fraser, Anna ..... Youngstown, O.
Fraser, James ..... Washington, Pa.
Gibson, Pearl ..... New Concord, O.
Glessner, Helen ..... Urbana, O.
Grimes, Deane ..... New Concord, O.
Grimes, Beulah ..... New Concord, O.
Groves, Ellen ..... New Concord, O.
Groves, Marjorie ..... New Concord, O.
Groves, Mrs. ..... New Concord, O.
Hannon, Guy ..... Washington, Pa.
Haynes, Darwin ..... Hanover, O.
Hatch, Louis ..... East Liverpool, O.
Heagen, Ruth ..... Zanesville, O.
Henderson, Roxie ..... New Concord, O.
Hune, Clarence ..... Caldwell, O.
Hunt, Howard ..... New Concord, O.
Kelsey, Elizabeth ..... New Concord, O.
Klein, Lucretia ..... Philadelphia, Pa.
Ledman, Margaret ..... New Concord, O.
Linton, Ada ..... Quaker City, O.
Lorimor, Florence ..... Ontario, O.
Magill, Vincent ..... Aspinwall, Pa.
Martin, Frances ..... New Concord, O.
Mintier, Wilma ..... New Concord, O.
Montgomery, Alice ..... New Concord, O.
Montgomery, Geneva ..... New Concord, O.
Montgomery, Paul ..... New Concord, O.
Moore, Isabella ..... Butler, Pa.
Moore, Ruth ..... Cumberland, O.
Murrey, Margaret ..... New Concord, O.
McBurney, Eleanor ..... Quaker City, O.
McCance, Jessie ..... Akron, O.
McCreight, Granville ..... Willard, O.
Park, Crawford ..... Pittsburgh, Pa.
Pollock, Martha ..... Aledo, Ill.
Pollock, Thomas ..... Philadelphia, Pa.
Reitz, Mary ..... Johnstown, Pa.

Rogers, Gladys ..... Bellefontaine, O.
Ross, Edna ..... Pleasant City, O.
Sawyer, Eloise ..... New Concord, O.
Shane, Hazel ..... Carrollton, O.
Silvers, Homer ..... Camden, O.
Smith, Alice ..... Reinersville, O.
Steele, Alice ..... Cambridge, O.
Taggart, Margaret ..... East Palestine, O.
Thompson, Audine ..... Altoona, Pa.
Thompson, Marguerite ..... Norwich, O.
Waddell, Hazel ..... New Concord, O.
White, Miriam ..... New Concord, O.
Wilson, Mrs. Agnes ..... New Concord, O.
Worthington, Harry ..... Columbus, O.
Wylie, Alice ..... New Concord, O.
Wymer, Faye ..... St. Joseph, Mo.

CAMBRIDGE BRANCH

Alderman, Elizabeth ..... Cambridge, O.
Amas, Sarah ..... Cambridge, O.
Angus, Mary ..... Cambridge, O.
Bailey, Dessa ..... Cambridge, O.
Baker, Lena ..... Cambridge, O.
Baughman, Rex ..... Buffalo, O.
Blair, Clarice ..... Cambridge, O.
Brenan, Rebecca ..... Byesville, O.
Calhoun, Violet ..... Cambridge, O.
Campbell, Jane ..... Cambridge, O.
Campbell, Margaret ..... Cambridge, O.
Carnal, Dorothy ..... Cambridge, O.
Carnal, Margaret ..... Cambridge, O.
Clark, Jeannette ..... Cambridge, O.
Colly, Dorothy ..... Cambridge, O.
Connen, Jean ..... Cambridge, O.
Camden, Olila ..... Cambridge, O.
Culbertson, David ..... Byesville, O.
Dixon, Hazel ..... Cambridge, O.
Droz, Dorothy ..... Cambridge, O.
Duffey, Wanna ..... Cambridge, O.
Ellis, Blanch ..... Cambridge, O.
Erven, Ruth ..... Cambridge, O.
Evans, Lucile ..... Cambridge, O.
Eyman, Ruth ..... Cambridge, O.
Forsythe, Jeannette ..... Cambridge, O.
Frame, Eileen ..... Cambridge, O.
Frye, Lucile ..... Buffalo, O.
Gallup, Thelma ..... Byesville, O.
Graham, Sarah ..... Cambridge, O.
Grant, William ..... Cambridge, O.
Grant, John ..... Cambridge, O.
Hafer, Nellie ..... Cambridge, O.
Hickle, Gail ..... Byesville, O.
Hull, Helen ..... Cambridge, O.
Jackson, Roberta ..... Cambridge, O.
Jackson, Helen ..... Cambridge, O.
Jay, Eva ..... Buffalo, O.
King, Mary ..... Cambridge, O.
Lawyer, Helen ..... Cambridge, O.
Lee, Lucile ..... Cambridge, O.
Lightowler, Harriet ..... Byesville, O.

Linton, Ada	Quaker City, O.
Logan, Dorothy	Cambridge, O.
Masters, Margaret	Cambridge, O.
McCleary, Helen	Cambridge, O.
McConnell, Grace	Cambridge, O.
McCormack, May	Cambridge, O.
McFadden, Janet	Cambridge, O.
McKissen, Jeannette	Cambridge, O.
Medill, Georgie	Cambridge, O.
Meitzer, Caroline	Cambridge, O.
Mehaffey, Margaret	Cambridge, O.
Menedilla, Almeda	Cambridge, O.
Merrick, Mrs. L. H.	Cambridge, O.
Miles, Ellen	Cambridge, O.
Milligan, Catharine	Cambridge, O.
Milligan, Marion	Cambridge, O.
Maier, Inez	Cambridge, O.
Mass, Martha	Cambridge, O.
Mass, Bernadine	Cambridge, O.
Neyman, Dorothy	Cambridge, O.
Nice, Edythe	Cambridge, O.
Nich, Wilmer	Cambridge, O.
Newman, Marion	Cambridge, O.
Patterson, Kathryn	Cambridge, O.
Patterson, Elizabeth	Cambridge, O.
Pattison, Rachel	Cambridge, O.
Pelikan, Elizabeth	Pleasant City, O.
Peters, Kathryn	Cambridge, O.
Peters, John	Cambridge, O.
Phelps, Elsa	Cambridge, O.
Rankin, Daniel	Cambridge, O.
Ray, Mary	Cambridge, O.
Reynolds, Mary	Cambridge, O.
Rigley, Jane	Cambridge, O.
Richardson, Cora	Byesville, O.
Riggs, Mary	Cambridge, O.
Rollins, Virginia	Cambridge, O.
Rosenberg, Dorothy	Cambridge, O.
Secrest, Mildred	Cambridge, O.
Sigman, Bertha	Cambridge, O.
Spaid, Reba	Buffalo, O.
Spears, Glenna	Cambridge, O.
Shriner, Mary	Byesville, O.
Smith, Luella	Cambridge, O.
Starlin, Mielena	Cambridge, O.
Starr, Helen	Cambridge, O.
Stewart, Mary	Cambridge, O.
Stathenicre, Alice	Cambridge, O.
Stringfellow, Edna	Cambridge, O.
Stillwell, Kathryn	Cambridge, O.
Selineryhart, Kathryn	Cambridge, O.
Taylor, Eloise	Cambridge, O.
Taylor, Evelyn	Cambridge, O.
Thompson, Mary	Cambridge, O.
Thomas, Marie	Cambridge, O.
Tilton, Kathryn	Cambridge, O.
Trotte, Howard	Cambridge, O.
Turnbangle, Sarah	Cambridge, O.
Vance, Hazel	Cambridge, O.
Vance, Kathryn	Cambridge, O.

Wilson, Rilla ..... Cambridge, O.
Wishart, Margaret ..... Cambridge, O.
White, Fay ..... Cambridge, O.
Wiley, Mary Elizabeth ..... Cambridge, O.
Yaw, Gladys ..... Cambridge, O.

NORMAL PUBLIC SCHOOL MUSIC

Ault, Mary ..... Bellaire, O.
Bailey, Helen ..... Barnesville, O.
Barnett, Margaret ..... New Concord, O.
Betts, Charles ..... Batesville, O.
Cathers, Lillian ..... Bellaire, O.
Corbett, Maud ..... Bellaire, O.
Couden, Hazel ..... New Concord, O.
Craig, Hazel ..... Martins Ferry, O.
Frazier, Esther ..... Frazeysburg, O.
Goodman, Luella ..... Bethesda, O.
Harper, John ..... Senecaville, O.
Hill, Lois ..... Reinersville, O.
Hoover, Helen ..... Black Run, O.
Kindle, Margaret ..... New Concord, O.
Leach, Hazel ..... Bellaire, O.
McCracken, Blanche ..... Zanesville, O.
Mahoney, Wilma ..... Senecaville, O.
Miracle, Donald ..... Summerfield, O.
Morgan, Eleanore ..... Lore City, O.
Rankin, Anna ..... Norwich, O.
Ross, Esther ..... New Concord, O.
Scott, Clyde ..... Cumberland, O.
Shively, Virginia ..... Batesville, O.
Smith, Rita ..... Reinersville, O.
Smith, Walter ..... New Concord, O.
Speer, Sara ..... New Concord, O.
Stocker, Esta ..... Kimbolton, O.
Treherne, Elizabeth ..... Cambridge, O.
Tyson, Vera ..... Adamsville, O.
Tyson, Blanche ..... Adamsville, O.
Ward, Alberta ..... Bellaire, O.
Wilkinson, Alice ..... Bellaire, O.
White, Josephine ..... Morristown, O.
Wylie, Alice ..... New Concord, O.

ART STUDENTS 1921-22

Bay, Mrs. Mabel ..... New Concord, O.
Downing, Elsie ..... Emsworth, Pa.
Glessner, Helen ..... Urbana, O.
Gordon, Ethel ..... Bergholz, O.
Gregory, Dorothy ..... Rix Mills, O.
Hosick, Edna ..... Grove City, Pa.
Montgomery, Geneva ..... New Concord, O.
Moore, Frances ..... Crafton, Pa.
Stone, Mary A. ..... Cambridge, O.

SUMMARY ENROLLMENT

COLLEGE

	1920-21	1921-22	
Senior Class	63	81	
Junior Class	79	83	
Sophomore Class	114	141	
Freshman Class	195	296	
Unclassified	33	19	
Total for Regular Year	484	620	620
Summer Registrants who fully meet College Entrance Demands	180	370	
Net Collegiate Students for Year	664	990	990

SUMMER TERM (1921)

First Six Weeks Term	134	
Second Six Weeks Term	266	
Third Six Weeks Term	194	
Eight Weeks Term	104	
Conservatory of Music (Summer only)	35	
Gross Summer Registrations	733	733
Less Duplicates	194	
Net Summer School Students	539	

ACADEMY

	1920-21	1921-22	
Fourth Year	56	75	
Third Year	51	34	
Second Year	36	43	
First Year	51	57	
Specials	6	0	
Total Academy Students for Year	200	209	209
Conservatory of Music for Year	256	349	349
Department of Art for Year	18	9	9
Gross Total for Year			1920
Less names repeated			472
Net Total for Departments for Year			1448
Net Total for same period 1920-21			1180

DISTRIBUTION OF ATTENDANCE

	1920-21	1921-22
Alabama	1	0
California	0	1
Connecticut	2	0
Illinois	15	18
Indiana	3	4
Iowa	0	4
Kansas	5	5
Kentucky	2	1
Michigan	0	1
Mississippi	1	1
Missouri	1	2
Nebraska	1	0
New Jersey	1	1
New Mexico	1	0
New York	17	6
North Carolina	0	1
Ohio	973	1199
Oregon	2	1
Pennsylvania	130	173
South Dakota	0	1
Tennessee	1	2
Texas	0	1
Vermont	4	2
Virginia	1	1
Washington	1	0
West Virginia	12	17
Wisconsin	1	1
Egypt	2	3
India	3	2
Totals	1180	1448

INDEX

Absence 45
Academy 130-137
Admission 37
Affiliated Courses 50
Alumni Association 34
Amount of work 40
Art, School of 109
Athletics 33
Athletic Field 19
Baccalaureate Degree 39
Black and Magenta 32
Board of Trustees 5
Board of Trustees Officers 6
Bureau of Self Help 29
Calendar, General 2
Calendar, College 3
Calendar, Commencement 4
Classification 40
Christian Associations 30
Conservatory of Music 113
Contest Prizes 27
Courses, Prescribed 40
Courses, Affiliated 50
Courses of Study 54
Courses, College Normal 70
Courses, Academy 134
Credit and Classification 30-40
Department, Agriculture 54
Department, Astronomy 86
Department, Biology 58
Department, Chemistry 60
Department, Classical Lang's 63
Department, Domestic Science 83
Department, Economics 65
Department, English Bible 56
Department, Education 66
Department, English 74
Department, French 88
Department, Geology 76
Department, German 90
Department, Greek 63
Department, History 80
Department, Home Economics 83
Department, Latin 64
Department, Mathematics 86
Department, Modern Lang's 88
Department, Oratory 103
Department, Philosophy 91
Department, Physics 95
Department, Physical Educat'n 93
Department of Physiology 96
Department, Political Science .. 97
Department, Psychology 102
Department, Sociology 100
Department, Spanish 89
Dormitory 22-26
Dropping Courses 45
Entrance Requirements 37
Examinations 46
Expenses 35-36
Faculty 7-13
Faculty, Committees 14
Faculty, Officers 14
General Information 15
Government 24
Gymnasiums 19-22
Historical Statement 15
Honor System 30
Honors in Scholarship 47
Lecture Course 23
Library 23
Literary Societies 30
Majors and Minors 41
Material Equipment 18
Muscoljuan 32
Museum 23
Normal Courses 66-111
Oratorical Association 31
Physical Culture 32
Point System 33
Publications 32
Prizes 27
Registration 44
Religious Societies 30
Required Work 40
Room and Board 25
Schedule of Recitations 172
School of Art 109
Scholarships 28
Scholarships, Rotary 28
Student Aid 28
Student Council 32
Student Organization 30
Students, Register of 138
Students, Summary of 169
Summary by States 170
Summer School 111
Tau Kappa Alpha 31
Tuition and Fees 35
Thesis 41

SCHEDULE OF RECITATIONS

First Semester, 1922-23

8:00-9:00 O'clock

Agriculture
11, Farm. Mech. (8-11½) ..... S.
Bible
1, Old Test. Hist. ..... T. Th.
1, Old Test. Hist. ..... W. F.
Biology
1, General, Div. I ..... T. Th.
1, Lab. Div. I (8-10) ..... M.
1, Lab. Div. II (8-10) ..... W.
Chemistry
11, General ..... T. Th.
11, Lab. (8-12) ..... S.
13, Lab. (8-12) ..... S.
Economics
1, Principles ..... M. W. F.
Education
14, Principles of Teaching ..... M.W.F.
18a, History Methods ..... T.Th.
23, School Music ..... T. Th.
English
7, Shakespeare ..... M.W.F.
Geology
15, College Geography ..... T.Th.
27, Agricultural Geology ..... M.W.F.
Latin
1, ... M.W.F.
3, ... T.Th.
Home Economics
5, Foods ..... M.T.W.Th.F.
15, Dressmaking ..... M.W.F.
5, Lab. (8-10) ..... T.Th.
15, Lab. (8-10) ..... M.W.
Mathematics
4, Analytics ..... M.W.F.
6a, Calculus ..... T.Th.
Modern Languages
1, French I ..... M.T.Th.F.
1, Spanish I ..... M.W.Th.F.
Physics
13, Physics Lab. (8-10) ..... S.
Psychology
1, General ..... M.W.F.
2, Social ..... T.Th.
Public Speaking
1, Public Speaking ..... M.W.F.
17, Teach. Pub. Speak. (2½) ..... T.Th.

9:00-10:00 O'clock

Agriculture
11, Farm Mech. (8-11½) ..... S.
Bible
1, Old Test. Hist. ..... T.Th.
5. Old Test. Poetry ..... W.F.
Biology
1, General Div. II ..... T.Th.
1, Lab. Div. I (8-10) ..... M.
1, Lab. Div. II (8-10) ..... W.
8, Teaching Biology ..... M.
Chemistry
11, General ..... T.Th.
11, Lab. (8-10) ..... S.
11, Lab. (9-11) ..... T.Th.-W.F.
13, Lab. (8-10) ..... S.
13, Lab. (9-11) ..... T.Th.-W.F.
Economics
3, Corporations ..... M.W.F.
Education
7, Princples of Educ. ..... M.W.F.
13, Educ. Psychology ..... M.W.F.
18a, History Methods ..... T.Th.
23, School Music ..... T.Th.
English
1a, Composition ..... T.Th.
4, Survey of Eng. Lit. ..... M.W.F.
9, Spencer and Milton ..... T.Th.
14, Survey of Amer. Lit. ..... T.Th.
Geology
13, Principles ..... T.Th.
Greek
1, Elementary ..... M.T.W.F.
History
1, European ..... M.W.F.
3, European ..... T.Th.
Home Economics
17, Millinery ..... ___
5, Lab. (8-10) ..... T.Th.
15, Lab. (8-10) ..... M.W.
17, Lab. (9-11) ..... T.Th.
Mathematics
1, College Algebra ..... M.W.F.
14, Anstronomy ..... T.Th.
Coordinate Geometry ..... T.Th.
Modern Languages
1, German I ..... M.T.Th.F.
3, French II ..... M.T.W.Th.
3, Spanish II ..... M.W.Th.F.
Philosophy
11, History ..... M.W.F.
18, Relgion ..... T.Th.
Physics
13, Physics Lab. (8-10) ..... S.
Physiology
1, Physiology ..... W.F.
3, Hygiene ..... S.
1, Lab. (9-11) ..... T.
Political Science, Sociology
8, Const. Law ..... M.W.F.
Psychology
1, General ..... M.W.F.
Public Speaking
1, Public Speaking ..... M.W.F.
3, Interpretive Reading ..... T.Th.

10:00-11:00 O'clock

Agriculture
11, Farm Mech. (8-11½) ..... S.
Bible
1, Old Test. Hist. ..... T.Th.
3, Old Test. Prophecy ..... W.F.
Biology
5, Botany ..... W.F.
12, Genetics ..... T.Th.
Chemistry
13, Inorganic ..... T.Th.
11, Lab. (8-12) ..... S.
11, Lab. (9-11) ..... T.Th.-W.F.
13, Lab. (8-12) ..... S.
13, Lab. (9-11) ..... T.Th.-W.F.
Economics
19, Accounting ..... M.W.F.
Education
16, History of Education ..... M.W.F.
17, Observation and Teaching ..... T.Th.
17, Observation and Teaching Music Methods ..... M.W. T.Th.
English
1a, Composition ..... T.Th.
14, Survey of American Lit ..... T.Th.
Geology
17, Geology of Ohio ..... T.Th.
Greek
3, Xenaphon's Anabasis ..... M.T.W.F.
History
5, Adv. U. S. ..... M.W.F.
Home Economics
9, Household Management ..... M.W.F.
17, Lab. (9-11) ..... T.Th.
Mathematics
1, College Algebra ..... M.W.F.
Modern Languages
1, French I ..... M.T.Th.F.
1, Spanish I ..... M.W.Th.F.
3, German II ..... M.T.Th.F.
3, French II ..... M.T.W.Th.
Philosophy
6, Ethics ..... M.W.F.
10, Evidences of Chris ..... T.Th.
Physics
13, Advanced Physics ..... T.Th.
Physiology
1, Lab. (9-11) ..... T.
Political Science, Sociology
1, Ameri. Gov't ..... M.W.F.
4, Gov't of Cities ..... T.Th.
Psychology
1, General ..... M.W.F.
3, Elementary Educ. ..... M.W.F.
Public Speaking
1, Public Speaking ..... M.W.F.
8, Arg. and Debate ..... T.Th.

12:30-1:30 O'clock

Agriculture
7, Agronomy ..... M.W.F.
9, Horticulture ..... T.Th.
Bible
1, Old Test. Hist. ..... T.Th.
3, Old Test. Prophecy ..... W.F.
Biology
1, Lab. Div. III (12½-2½) ..... F.
5, Lab. (12½-2½) ..... M.W.
Chemistry
19, Organic ..... T.Th.
26, Physical ..... M.W.F.
Economics
1, Principles ..... M.W.F.
Education
9, Principles of Teach. H. S. ..... M.W.F.
15a, School Management ..... M.W.F.
24, School Drawing (12½-2½) ..... T.
24, School Drawing (12½-2½) ..... Th.
English
1a, Composition ..... T.Th.
10, Novel ..... M.W.F.
Geology
11, General ..... M.W.Th.F.
Greek
8, Drama ..... M.W.F.
Home Economics
3, Textiles ..... T. or Th.F.
7, Food Study ..... M.
11, Tch. Home Econ. ..... W.
3, Lab. (12½-2½) ..... T. or Th.
7, Lab. (12½-2½) ..... T. or Th.
Mathematics
Differential Equations
Modern Languages
7, French I ..... M.T.Th.F.
7, Spanish III ..... M.W.F.
Music
7, Harmony ..... M.Th.
13, Theory and Instrument ..... M.Th.
17, Harmonic Anal. ..... T.F.
Physics
1, General ..... M.W.F.
1a, General ..... M.W.F.
5, Household ..... T.Th.
Psychology
3, Elementary Educ. ..... M.W.F.

1:30-2:30 O'clock

Agriculture
7, Lab. (1½-3½) ..... W.
9, Lab. (1½-3½) ..... Th.
Bible
1, Old Test. Hist. ..... T.Th.
11, Christian Missions ..... W.F.
Biology
1, General, Div. III ..... T.Th.
5, Lab. (12½-2½) ..... W.F.
Chemistry
11, Lab. (1½-3½) ..... M.W.-T.Th.
13, Lab. (1½-3½) ..... M.W.-T.Th.
16, Lab. (1½-3½) ..... M.W.-T.Th.
17, Lab. (1½-3½) ..... M.W.-T.Th.
19, Lab. (1½-3½) ..... T.Th.
Economics
5a, Labor Problems ..... T.Th.
Education
12, Obs. & Teach. (Assm. & Conf) M.W.
13, Educational Psychology ..... M.W.F.
15a, School Management ..... M.W.F.
24, School Drawing (12½-2½) ..... T.
24, School Drawing (12½-2½) ..... Th.
English
1a, Composition ..... T.Th.
4, Survey of Eng. Lit. ..... M.W.F.
13, 19th Century Essay ..... T.Th.
Geology
19, Mineralogy ..... W.
19, Lab. (1½-3½) ..... M.F.
History
1, European ..... M.W.F.
17, French ..... T.Th.

Home Economics
1, Design and Art (1½-3½) ..... W.
14, Dietetics ..... M.T.W.Th.
3, Lab. (12½-2½) ..... T. or Th.
7, Lab. (12½-2½) ..... T. or Th.
14, Lab. (1½-3½) ..... M.W.
Mathematics
8, Mechan. Draw. (1½-3½) ..... M.W.F.
17, Descrip. Geom. (1½-3½) ..... M.W.F.
Modern Languages
1, Spanish I ..... M.W.Th.F.
3, French II ..... M.T.W.Th.
5, French III ..... M.W.F.
Music
3, Ear Training ..... T.F.
9, Form and Anal. ..... M.Th.
15, Counterpoint ..... T.F.
19, Count. Canon and Fugue ..... M.Th.
21, Composition ..... W.
Philosophy
15, Logic ..... T.Th.
Physics
1, Lab. sec. a (1½-3½) ..... M.
1, Lab. sec. b (1½-3½) ..... W.
1a, Lab. sec. a (1½-3½) ..... M.T.
1a, Lab. sec. b (1½-3½) ..... T.W.
5, Lab. (1½-3½) ..... Th.
Political Science, Sociology
1, Intro. to Sociology ..... M.W.F.
1, General ..... M.W.F.
Psychology
1, General ..... M.W.F.
Public Speaking
1, Public Speaking ..... M.W.F.
5, Extemp. Pub. Address ..... T.Th.
6, Oratory and Orators ..... M.W.F.
35, Acting Drama ..... T.Th.

2:30-3:30 O'clock

Agriculture
7, Lab. (1½-3½) ..... W.
9, Lab. (1½-3½) ..... Th.
Bible
9, Ethics of N. T. ..... T.Th.
Biology
8, Teaching Biology
Chemistry
11, Lab. (1½-3½) ..... M.W.-T.Th.
13, Lab. (1½-3½) ..... M.W.-T.Th.
16, Lab. (1½-3½) ..... M.W.-T.Th.
17, Lab. (1½-3½) ..... M.W.-T.Th.
19, Lab, (1½-3½) ..... T.Th.
Education
11c, Spec. Meth.-Eng. 18 ..... T.
14, Principles of Teach. ..... M.W.F.
17, Prac. Tch. El. (Assm. & Conf) ..... M.
School Art (2½-4½) ..... T.Th.
English
1a, Composition ..... T.Th.
Geology
19, Lab. (1½-3½) ..... M.F.
History
11, Contemporary ..... T.
13, Teaching History ..... M.

Home Economics
1, Design and Art (1½-3½) ..... W.
14, Lab. (1½-3½) ..... M.W.
Mathematics
8, Mech. Draw. (1½-3½) ..... M.W.F.
17, Descript. Geom. (1½-3½) ..... M.W.F.
Modern Languages
9, French IV ..... M.W.F.
Music
11, History ..... T.F.
21, Appreciation ..... W.
Physics
1, Lab. sec. a (1½-3½) ..... M.
1, Lab. sec. b (1½-3½) ..... W.
1a, Lab. sec. a (1½-3½) ..... M.T.
1a, Lab. sec. b (1½-3½) ..... T.W.
5, Lab. (1½-3½) ..... Th.
Political Science, Sociology
11, Contemp. Pol. Problems ..... T.
Psychology
1, General ..... M.W.F.
Public Speaking
1, Public Speaking ..... M.W.F.
3, Interp. Reading ..... T.Th.

3:30-4:30 O'clock

Music
5, Harmony ..... M.Th.

Courses for Which Hours Are to be Arranged

Bible
10, Pedagogy (2 hrs.)
Chemistry
16, Qualitative
17, Quantitative
23, Teaching of Chemistry
History
15, Seminar
Latin
6, (1 hr.)
Mathematics
1a, Advanced Algebra
Modern Languages
7, French Methods (1 hr.)
Music
11a, History
Normal Courses
Political Science, Sociology
6, Pol. Sci. Seminar
Public Speaking
11, Play Production (2 hrs.)
12, Debate Seminar (2 hrs.)
(Intercollegiate Debators)
16, Adv. Oratory (1 hr.)
(Intercollegiate Orator)
20, Oratory Seminar (1 hr.)
30, Literary Anal. and Interp.

Second Semester, 1922-23

8:00-9:00 O'clock

Agriculture
12, Power Farming (8-11½) ..... S.
Bible
2, Life of Christ ..... T.Th.
2, Life of Christ ..... T.Th.
Biology
2, General Div. I ..... T.Th.
2, Lab. Div. I (8-10) ..... M.
2, Lab. Div. II (8-10) ..... W.
Chemistry
12, General ..... T.Th.
12, Lab, (8-12) ..... S.
13a, Lab. (8-12) ..... S.
Economics
2, Principles ..... M.W.F.
Education
20, Geography Methods ..... T.Th.
21, Arithmetic Methods ..... M.W.F.
23, School Music ..... T.Th.
English
8, Shakespeare ..... M.W.F.
Geology
28, Physiography ..... M.F.
28, Lab. (8-10) ..... W.
Latin
2, ... M.W.F.
4, ... T.Th.
Home Economics
6, Foods ..... M.T.W.Th.F.
16, Dressmaking ..... M.W.F.
6, Lab. (8-10) ..... T.Th.
16, Lab. (8-10) ..... M.W.
Mathematics
6b, Calculus ..... M.T.W.Th.F.
Modern Languages
2, French I ..... M.T.Th.F.
2, Spanish I ..... M.W.Th.F.
Physics
14, Lab. (8-10) ..... S.
Psychology
6, Genetic ..... M.W.F.
7, Character ..... T.Th.
Public Speaking
2, Public Speaking ..... M.W.F.
18, Tch. Pub. Spkg. (2½ hrs.) ..... T.Th.

9:00-10:00 O'clock

Agriculture
12, Power Farming (8-11½) ..... S.
Bible
2, Life of Christ ..... T.Th.
4, Soc. Teach. of Jesus ..... W.F.
Biology
2, General Div. II ..... T.Th.
9, Teaching Biology ..... M.
2, Lab. Div. I (8-10) ..... M.
2, Lab. Div. II (8-10) ..... W.
Chemistry
12, General ..... T.Th.
12, Lab. (8-12) ..... S.
12, Lab. (9-11) ..... T.Th.-W.F.
13a, Lab. (8-10) ..... S.
13a, Lab. (9-11) ..... T.-Th.-W.F.
Economics
11, Business Law ..... M.W.F.
Education
10, School Administration ..... M.W.F.
19a, English Methods ..... M.(W.)F.
20, Geography Methods ..... T.Th.
23, School Music ..... T.Th.
English
2a, Composition ..... T.Th.
5, Survey of Eng. Lit. ..... M.W.F.
11a, Romantic Poets ..... T.Th.
14, Survey of American Lit. ..... T.Th.
Geology
14, Principles ..... T.Th.
28, Lab. (8-10) ..... W.
Greek
2, Elementary ..... M.T.W.F.
History
2, European ..... M.W.F.
4, European ..... T.Th.
Home Economics
18, Millinery ..... T.Th.
6, Lab. (8-10) ..... T.Th.
16, Lab. (8-10) ..... M.W.
18, Lab. (9-11) ..... T.Th.
Mathematics
2, Trigonometry ..... M.W.F.
15, Astronomy ..... T.Th.
Modern Languages
2, German I ..... M.T.Th.F.
4, French II ..... M.T.W.Th.
4, Spanish II ..... M.W.Th.F.
Philosophy
12, History ..... M.W.F.
14, Aesthetics ..... T.Th.
Physics
14, Lab. (8-10) ..... S.
Physiology
2, Physiology ..... W.F.
4, Hygiene ..... S.
2, Lab. (9-11) ..... T.
Political Science, Sociology
9, International Law ..... M.W.F.
Psychology
6, Genetic ..... M.W.F.
Public Speaking
2, Public Speaking ..... M.W.F.
4, Adv. Interp. Read ..... T.Th.

10:00-11:00 O'clock

Agriculture
12, Power Farming (8-11½) ..... S.
Bible
2, Life of Christ ..... T.Th.
7, Planting of the Church ..... W.F.
Biology
6, Botany ..... W.F.
Advanced Biology ..... T.Th.
Chemistry
13a, Inorganic ..... T.Th.
12, Lab. (8-12) ..... S.
12, Lab. (9-11) ..... T.Th.-W.F.
13a, Lab. (8-12) ..... S.
13a, Lab. (9-11) ..... T.Th.-W.F.
Economics
20, Accounting ..... M.W.F.
Education
5a, History of Education ..... M.W.F.
17, Observation of Teach. ..... M.W.
17, Observation of Teach. ..... T.Th.
Music Methods ..... T.Th.
English
2a, Composition ..... T.Th.
15, American Literature ..... T.Th.
Geology
20, El. Petrology ..... T.Th.
Greek
4, Plato's Apology ..... M.T.W.F.
History
6, Adv. U. S. ..... M.W.F.
Home Economics
10, Sanitation ..... M.W.F.
18, Lab. (9-11) ..... T.Th.
Mathematics
2, Trigonometry ..... M.W.F.
22, Modern Anal. Geom. ..... T.Th.
Modern Languages
2, French I ..... M.T.Th.F.
2, Spanish I ..... M.W.Th.F.
4, French II ..... M.T.W.Th.
4, German II ..... M.T.Th.F.
Philosophy
9, Christian Theism ..... T.Th.
17, Epistemology ..... M.W.F.
Physics
14, Advanced ..... T.Th.
Physiology
2, Lab. (9-11) ..... T.
Political Science, Sociology
2, Amer. Gov't ..... M.W.F.
7, Intro. to Pol. Science ..... T.Th.
Psychology
6, Genetic ..... M.W.F.
Public Speaking
2, Public Speaking ..... M.W.F.
9, Argument and Debate ..... T.Th.

12:30-1:30 O'clock

Agriculture
8, Agronomy ..... M.W.F.
10, Horticulture ..... T.Th.
Bible
2, Life of Christ ..... T.Th.
7, Planting of the Church ..... W.F.
Biology
Adv. Biology (consultation) ..... Th.
2, Lab. Div. III (12½-2½) ..... F.
6, Lab. (12½-2½) ..... M.W.
Chemistry
20, Organic ..... T.Th.
27, Physical ..... M.W.F.
Economics
2, Principles ..... M.W.F.
Education
21, Arithmetic Methods ..... M.W.F.
24, School of Drawing (12½-2½) ..... T.
24, School of Drawing (12½-2½) ..... Th.
30, School Organization ..... M.W.F.
English
2a, Composition ..... T.Th.
3, Adv. Composition ..... M.W.F.
16, Hist. of Eng. Lang. ..... T.Th.
Geology
12, General ..... M.W.Th F.
Greek
5, New Testament ..... M.W.F.
Home Economics
4, Textiles ..... T. or Th.F.
8, Foods Study ..... M.
12, Methods ..... W.
4, Lab. (12½-2½) ..... T. or Th.
8, Lab. (12½-2½) ..... T. or Th.
Mathematics
13, Theory of Equations ..... M.W.F.
Modern Languages
2, French I ..... M.T.Th.F.
6, Commercial Spanish ..... T.Th.
8, Spanish III ..... M.W.F.
Music
8, Harmony ..... M.Th.
14, Theory and Instrument ..... M.Th.
18, Harmonic Anal. ..... T.F.
Philosophy
20, Seminar ..... F.
Physics
2, General ..... M.W.F.
2a, General ..... M.W.F.
6, Household ..... T.Th.
Psychology
8, Experimental (12½-2½) ..... T.Th.

1:30-2:30 O'clock

Agriculture
8, Lab. (1½-3½) ..... W.
10, Lab. (1½-3½) ..... Th.
Bible
2, Life of Chrst ..... T.Th.
6, Wisdom Lit. and Job ..... W.F.
Biology
2, General Div. III ..... T.Th.
2, Lab. Div III (12½-2½) ..... F.
6, Lab. (12½-2½) ..... M.W.
Chemistry
12, Lab. (1½-3½) ..... M.W.-T.Th.
13a, Lab. (1½-3½) ..... M.W.-T.Th.
18, Lab. (1½-3½) ..... M.W.-T.Th.
20, Lab. (1½-3½) ..... T.Th.
Education
12, Obs. & Tchg. (Assm. & Conf) M.W.
19a, English Methods ..... M.(W.)F.
22a, Reading Methods ..... M.(W.)F.
24, School Drawing (12½-2½) ..... T.
24, School Drawing (12½-2½) ..... Th.
English
2a, Composition ..... T.Th.
5, Survey of Eng. Lit. ..... M.W.F.
Geology
22, Economic ..... M.W.F.
24, Topographic Survey ..... T.Th.
Greek
7, Demosthenes ..... M.W.F.
History
2, European ..... M.W.F.
Home Economics
2, Design and Art (1½-3½) ..... W.
15, Dietetics ..... M.T.W.Th.
4, Lab. (12½-2½) ..... T. or Th.
8, Lab. (12½-2½) ..... T. or Th.
15, Lab. (1½-3½) ..... M.W.
Mathematics
9, Mech. Draw. (1½-3½) ..... M.W.F.
Modern Languages
2, French I ..... M.T.Th.F.
4, French II ..... M.T.W.Th.
6, French III ..... M.W.F.
Music
4, Ear Training ..... T.F.
10, Form and Anal. ..... M.Th.
16, Counterpoint ..... T.F.
20, Count. Canon and Fugue ..... M.Th.
22, Composition ..... W.
Physics
2, Lab. sec. a (1½-3½) ..... M.
2, Lab. sec. b (1½-3½) ..... W.
2a, Lab. sec. a (1½-3½) ..... M.T.
2a, Lab. sec. b (1½-3½) ..... T.W.
6, Lab. (1½-3½) ..... Th.
Political Science, Sociology
2, Social Pathology ..... M.W.F.
7, Pol. Sci. and Soc. ..... T.Th.
Psychology
4, Educational ..... M.W.F.
8, Experimental (12½-2½) ..... T.Th.
Public Speaking
2, Public Speaking ..... M.W.F.
7, Oratory and Orators ..... M.W.F.
14, Psychology of Express. ..... T.Th.
36, Acting Drama ..... T.Th.

2:30-3:30 O'clock

Agrculture
8, Lab. (1½-3½) ..... W.
10, Lab. (1½-3½) ..... Th.
Bible
8, Epistolary Lit. ..... T.Th.
Biology
9, Teaching Biology ..... M.
10, Agriculture ..... M.W.
10, Lab. (2½-4½) ..... Th.
Chemistry
12, Lab. (1½-3½) ..... M.W.-T.Th.
13a, Lab. (1½-3½) ..... M.W.-T.Th.
18, Lab. (1½-3½) ..... M.W.-T.Th.
20, Lab. (1½-3½) ..... T.Th.
Education
11c, Spec. Meth.-Eng. 18 ..... T.
17, Prac. Tch. (Assm. & Conf.) M.
22a, Reading Methods ..... M.(W.)F.
School Art ..... T.Th.
English
2a, Composition ..... T.Th.
18, Teaching English ..... T.Th.
History
12, Contemporary ..... T.
14, Teach. History ..... M.
Home Economics
2, Design and Art (1½-3½) ..... W.
15, Lab. (1½-3½) ..... M.W.
Mathematics
9, Mech. Draw. (1½-3½) ..... M.W.F.
Modern Languages
10, French IV ..... M.W.F.
Music
12, History ..... T.F.
22, Appreciation ..... W.
Physics
2, Lab. sec. a (1½-3½) ..... M.
2, Lab. sec. b (1½-3½) ..... W.
2a, Lab. sec. a (1½-3½) ..... M.T.
2a, Lab. sec. b (1½-3½) ..... T.W.
6, Lab. (1½-3½) ..... Th.
Political Science, Sociology
12, Cont. Pol. Problems ..... T.
Public Speaking
2, Public Speaking ..... M.W.F.
15, Shakespearean Reading ..... T.Th.

3:30-4:30 O'clock

Music
6, Harmony ..... M.Th.

Courses for Which Hours Are to be Arranged

Bible
13.
Chemistry
16, Qualitative
History
16, Seminar
Latin
6, Teach. Latin (1 hr.)
Mathematics
20, Course for Seminar
Modern Languages
8, French Methods (1 hr.)
12, French Play (1 hr.)
Scientific French
Music
12a, History
Normal Courses
Composition
Harmony
Physics
13, Lab.
14, Lab.
Public Speaking
10, Play Production (2 hr.)
13, Debate Seminar (2 hr.)
(Intercollegiate Debators)
16, Advanced Oratory (1 hr.)
(Intercollegiate Orator)
20, Oratory Seminar (1 hr.)
30, Lit. Anal. and Interp.

LIBRARY OF THE
AUG 27 1938
UNIVERSITY OF ILLINOIS

THE COURIER COMPANY
STEEL & COPPER PLATE
ENGRAVERS AND EMBOSSERS
COLOR AND PROCESS PRINTERS
ZANESVILLE, OHIO

3 0112 105865841